

Cinergy Corp.
139 East Fourth Street
Rm 25 AT II
P.O. Box 960
Cincinnati, OH 45201-0960
Tel 513.287.3601
Fax 513.287.3810
jfinnigan@cinergy.com

JOHN J. FINNIGAN, JR.
Senior Counsel

VIA OVERNIGHT MAIL



December 28, 2004

Ms. Elizabeth O'Donnell
Executive Director,
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

DEC 29 2004

**PUBLIC SERVICE
COMMISSION**

Re: Case No. 2004-00098

Dear Ms. O'Donnell:

Enclosed please find an original and three (3) copies, prepared in binders, of the Fourth Quarter, 2004 filing in the above captioned case.

Should you have any questions, please contact me at (513) 287-3601.

Sincerely,

A handwritten signature in cursive script that reads "John J. Finnigan, Jr.".

John J. Finnigan, Jr.
Senior Counsel

JJF/sew

Enclosures

cc: Elizabeth Blackford

**In the Matter of an Adjustment of)
Rider AMRP of the Union Light, Heat) Case No. 2004-00098
and Power Company)**

**PUBLIC SERVICE
COMMISSION**

137285



RECYCLED PAPER MADE FROM 25% POST CONSUMER CONTENT

RECEIVED
DEC 29 2004
**PUBLIC SERVICE
COMMISSION**

ULH&P Case No. 2004-00098
Order Dated 1/31/02 (Case No. 2001-092)
Table of Contents
Fourth Quarter 2004 Filing

<u>Tab</u>	<u>Description</u>
1	List of the names and address of the contractors utilized for AMRP projects.
2	A copy of the bid document signed with each contractor, showing a description and scope of the work, construction specifications, and construction management. Confidential information is submitted separately.
3	Construction schedule for each job.
4	Reasonable size maps for each location – see listing of AMRP Projects to date and accompanying 11” x 17” maps for each location and module and full-size maps of work areas.
5	A 3-month progress report showing the manner of replacing the pipes, progress and percentage of job finished, pressure testing, and accompanying pictures on CD-ROM.
6	Copies of updated welding certification for each welder kept on site for inspection by the Commission’s investigator.

Contractor Information

Contractor Phone List

Company Name	Names	Cell &/or Nextel #	247 #	Office	Fax	Address	City	State	Zip
Ams Construction	Date	276-0328 / 45825*3 / HM. 937-795-0014	Call first	794-0410	794-0414	8915 Blue Ash Rd.	Cincinnati	Ohio	45242
Ams Construction	Jerod	276-0330 / 45825*4	Call second						
Ams Construction (SKJ)	John	276-0328 / 45825*2 / HM. 513-734-2626	Call third	794-0410	794-0414	8915 Blue Ash Rd.	Cincinnati	Ohio	45242
Ams Construction	Kim	276-0327 / 45825*1 / HM. 513-398-6689	Call fourth	794-0410	794-0414	8915 Blue Ash Rd.	Cincinnati	Ohio	45242
Ams Construction	Skj	SKJ		794-4433	794-4435	8917 Blue Ash Rd.	Cincinnati	Ohio	45244
Ams Construction	Brad	276-0342 / 45825*16		794-0410	794-0414	8915 Blue Ash Rd.	Cincinnati	Ohio	45242
Ams Construction	Ed	276-0351 / 45825*25		794-0410	794-0414	8915 Blue Ash Rd.	Cincinnati	Ohio	45242
Arby Const.	Tipple	618-779-1167		513-422-3750	513-422-5069	19705 West Lincoln Ave.	Middletown	Ohio	45044
Arby Const.	Lentz	414-406-4987		262-549-1919 ext 139					
Arby Const.	Wickman	513-464-3417 / 41617*1		513-422-3750	513-422-5069	19705 West Lincoln Ave.	Middletown	Ohio	45044
Arby Const.	Schueler	513-464-3832 / 41617*2		513-422-3750	513-422-5069	19705 West Lincoln Ave.	Middletown	Ohio	45044
Brewer Company	Carl	513-646-3833	513-646-3833 (Call 5th)	576-6300	513-576-1414	1354 US highway 50	Milford	Ohio	45150
Brewer Company	Sal	513-218-1293	513-218-1293 (Call 2nd)	513-276-0276					
Brewer Company	Rick	513-314-6188	513-314-6188 (Call 3rd)	513-276-5616	513-576-1414	1354 US highway 50	Milford	Ohio	45150
Brewer Company	Ken	1-490-9070	513-490-9070 (Call 1st)	513-276-5616	513-576-1414	1354 US highway 50	Milford	Ohio	45150
Brewer Company	Kevin	513-317-6490	513-317-6490 (Call 4th)		513-576-1414	1354 US highway 50	Milford	Ohio	45150
Brewer Company	Bob	513-646-3876							
Byrnes-Conway	Bob	617-2110 / 35066*6		948-8882	513-948-0161	21 Byrneslake ct.	Cincinnati	Ohio	45216-1605
Byrnes-Conway	Scott	623-4258 / 35066*24							
Byrnes-Conway	Marty	513-383-7782 / 35066*11	513-971-0989 (Pager)		513-948-0161	21 Byrneslake ct.	Cincinnati	Ohio	45216-1605
Byrnes-Conway	Leo	617-2117 / 35066*12			513-948-0161	21 Byrneslake ct.	Cincinnati	Ohio	45216-1605
Byrnes-Conway	Greg	513-617-2114 / 35066*9							
Byrnes-Conway	Rick	383-2351 / 35066*18			513-948-0161	21 Byrneslake ct.	Cincinnati	Ohio	45216-1605
Byrnes-Conway	Willie	617-2112 / 35066*10			513-948-0161				
JTo Construction	Stenger	623-1937							
** Sub for Byrnes **	Dave	513-617-3268							
CJ Hughes	David	513-623-9741 / 100*10513	Primary 623-9741	1-304-633-7412 / 513-623-9741	304-522-2729	PO Box 7305	Huntington	West Virginia	25776
CJ Hughes	Fred	513-477-3967 / 237*13213	2nd Option 623-1127		513-469-8989	PO Box 7305	Huntington	West Virginia	25776
CJ Hughes	Pat	513-200-8744 / 100*16940	3rd Option 513-200-8744						

Contractor Phone List

Company Name	Names	Cell &/or Nextel #	24/7 #	Office	Fax	Address	City	State	Zip
CJ Hughes	Danny	513-623-9729 / 100*13206							
CJ Hughes	Terry	513-623-9731 / 100*13323							
CJ Hughes	Jim	513-623-9743 / 100*26663							
CJ Hughes	Jim	304-751-0273		1-304-522-3868	304-522-2729	PO Box 7305	Huntington	West Virginia	25776
CJ Hughes	Tracy	614-554-8468				PO Box 7305	Huntington	West Virginia	25776
CJ Hughes	Brian	513-623-9741 / 100*12487		513-623-9725	513-561-4241	4169 B Round Bottom rd.	Cincinnati	Ohio	45244
CJ Hughes	Office			1-304-522-3868	304-522-2729	PO Box 7305	Huntington	West Virginia	25776
CJ Hughes	Office			1-304-522-3868	304-522-2729	PO Box 7305	Huntington	West Virginia	25776
Great Western	Sebesta			610-404-7850	610-404-7571	644 West Baumstown Rd.	Birdsboro	Pennsylvania	19508
Great Western	Keith	513-200-6190 136*44*31860							
Great Western	Rick	513-200-6190 136*44*31860	513-200-6190, hm. 513-894-6060	513-353-2031	513-353-2036	5704 State rt 128 Local Address	Cleves	Ohio	45002
Great Western	Bryan	513-383-9063 136*44*31861	513-383-0953, hm. 859-727-3719						
Great Western	Josh	513-615-6400 136*44*15144	513-615-6400, hm. 513-797-1209						
Great Western	Ken	513-383-6704 136*44*10301	513-383-6704, hm. 859-746-0025						
Great Western	Henshel	513-383-6134 136*44*32005							
Henkels & McCoy	Eversole	513-200-0406/136*35041*3	513-200-0406, hm. 859-363-1247	740-927-1737	740-927-9632	Pataskala			
Henkels & McCoy	Shiverdecker	Terry	513-200-2919	740-927-1737	740-927-9632	Pataskala			
Henkels & McCoy	Postalwait	Randy	513-200-3297			Cincinnati			
Henkels & McCoy	Charles	Portman	513-200-4558						
Henkels & McCoy	Meredith	Jeff	614-579-5353, hm. 419-589-5588	419-589-9596	419-589-6688	Mansfield			
Henkels & McCoy	Maxwell	Mark	614-286-5632, hm. 740-824-4162	740-927-1737	740-927-9632	Pataskala			
Henkels & McCoy	Clem	Bob	614-296-5290	740-927-1737	740-927-9632	Pataskala			
Henkels & McCoy	Jimmy	Sims	740-739-1293						
Henkels & McCoy	Dan	Howiller	614-579-9050, hm. 740-679-3317						
Henkels & McCoy	Addison			630-627-0716	630-240-5843	Addison			
Henkels & McCoy	Pataskala	Reg. Manager		614-296-5290	740-927-1737	740-927-9632			937-592-5268
Henkels & McCoy	Elkhart			800-345-7820	219-264-1137	Mansfield			
Henkels & McCoy	Dave	Rose	614-579-0192						
Henkels & McCoy	Craig	Craddock	513-383-3366						
Henkels & McCoy		Division Office	ELKHART			219-264-1137			

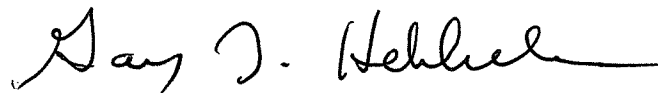
Contractor Phone List

Company Name	Names	Cell &/or Nextel #	24/7 #	Office	Fax	Address	City	State	Zip
Infrasource		Cincinnati Office		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Terry	513-276-3772 / 136*90947*1	513-768-3096 1st Call	1-513-772-3135	1-513-772-4138	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Russ	1-734-417-4800	513-768-3096 3rd Call	1-734-434-2000	1-734-434-2001	4033 E. Morgan Rd.	Ypsilanti	Michigan	48197
Infrasource	Jim	513-276-3927 / 136*90947*2	513-768-3096 2nd Call	1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Ron	513-276-9445 / 136*686738*2		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Mike	1-734-395-3736	513-768-3096 4th Call	1-734-434-2000	1-734-434-2001	4033 E. Morgan Rd.	Ypsilanti	Michigan	48197
Infrasource	Jerry	513-276-5455 / 136*90947*6		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Rob	513-276-5343 / 136*90947*4		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Don	513-276-5558 / 136*90947*7		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Jeff	513-276-5559 / 136*90947*8		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	James (Tex)	513-276-8435 / 136*90947*9		1-513-772-3135	1-513-772-3148	2786 B Crescentville Rd	West Chester	Ohio	45069
Infrasource	Mike	1-734-645-3972	513-768-3096 5th Call	1-734-434-2000	1-734-434-2001	4033 E. Morgan Rd.	Ypsilanti	Michigan	48197
Michels Const	Jeff	1-717-319-4057	513-531-5999	513-531-5999	513-531-6071	2290 Seymore Ave. 45212 (1 blk. e/o Cinti. Gardens)	Cincinnati	Ohio	45212
Midwest	Bill	1-336-601-8897	513-367-4567	44965*6	513-367-5207	6040 Kilby Rd	Harrison	Ohio	45030
Miller Pipeline	Scott	614-496-5228 / 237*1035	513-679-2362, 513-200-4775, 513-200-5145, 756-987-8269 hm. Farrell, 502-637-6098 hm. Spurier, 740-881-0038 hm. Scott miller	614-777-8377	614-771-5651	4990 Scioto Darby Road	Hilliard	Ohio	43026
Miller Pipeline	Steve	/ 513-200-4775 / 237*1		1-513-679-2362	513-679-2363	6150 Harrison Ave.	Cincinnati	Ohio	45247
Miller Pipeline	Jack	200-5145 / 237*13215		513-679-2362	513-679-2363	6150 Harrison Ave.	Cincinnati	Ohio	45247
Miller Pipeline	Oby	614-348-1193 / 237*13214		513-616-4797	513-679-2363	6150 Harrison Ave.	Cincinnati	Ohio	45247
Miller Pipeline	Rachelle	679-2362		513-679-2362	513-679-2363	6150 Harrison Ave.	Cincinnati	Ohio	45247
Miller Pipeline	Ed Casey	513-383-0362							
Miller Pipeline	Kevin	1-317-435-2167	513-383-0362						
Sub Surface	Craig	616-862-8650		1-800-428-3742			Indy		
ULC	Office	943-3999	513-943-7999	616-784-1313 ext. 108	513-943-1000	1118 Ferris Road, Suite "A"	Annella,	Ohio	45102

Attached is a list of the Blanket contracts that are reserved for contractors that are performing gas distribution work. Blanket contracts are used for non-Module jobs such as CIMOS, BSMOS, street improvements and road resurfacing. CIMOS and BSMOS jobs are specific projects that are completed because of the leak history associated with a segment of cast iron or bare steel. In addition, Blanket contracts are used to replace cast iron and bare steel as a result of a street improvement or road resurfacing projects. These cast iron and bare steel replacements are included in the AMRP. The Terms and Conditions are issued with the Blanket Contract (attached is an example of the Terms and Conditions). The signed bid is considered the contract. A limited number of these jobs are completed on a time and material basis to meet the needs of the community. These cast iron and bare steel mains are replaced because we are continually monitoring our system for those segments that are in need of replacement.

A sample copy of a bid and daily worksheets were submitted with the first quarter 2002 filing.

Some jobs are completed in the field by company crews and are managed by the appropriate district. Time sheets are approved by the field supervisor as well as the final paper work.

A handwritten signature in black ink, reading "Gary J. Hehl". The signature is fluid and cursive, with a long horizontal stroke at the end.

Blanket Contracts

Blanket Contracts

Contract ID	Full Contract Title Display		Contract Status	Contract Execution Date	End Date	Contract Invoiced Amount (1)	Approved Contract Amount (2)	Insurance Date	Contract Price Method	Contract Type
00231664	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Brewer	ISSUED	1/6/2004	12/31/2004	\$2,389,643.68	\$2,500,000.00	12/1/05	NTX	BLANKET
00231383	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Byrnes Conway	ISSUED	1/9/2004	12/31/2004	\$3,156,109.68	\$3,550,000.00	4/1/05	NTX	BLANKET
00231433	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	AMS Construction	ISSUED	1/6/2004	12/31/2004	\$2,230,668.40	\$2,300,000.00	6/14/04	NTX	BLANKET
00231219	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Infrasource Underground Construction	ISSUED	1/21/2004	12/31/2004	\$206,950.51	\$1,000,000.00	1/1/05	NTX	BLANKET
00230909	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Miller Pipeline Corp.	ISSUED	1/2/2004	12/31/2004	\$1,434,401.07	\$1,493,000.00	4/1/05	NTX	BLANKET
00231187	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	C J Hughes Construction	ISSUED	1/5/2004	12/31/2004	\$1,131,583.88	\$1,148,000.00	10/1/05	NTX	BLANKET
00231167	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Michels Corporation	ISSUED	1/5/2004	12/31/2004	\$558,360.59	\$1,000,000.00	2/1/05	NTX	BLANKET
00231197	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Great Western Services Inc	ISSUED	12/30/2003	12/31/2004	\$647,408.19	\$830,000.00	11/1/04	NTX	BLANKET
00231159	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Midwest Energy Services	ISSUED	1/9/2004	12/31/2004	\$194,955.98	\$750,000.00	3/1/05	NTX	BLANKET
00231136	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Henkels & McCoy	ISSUED	1/16/2004	12/31/2004	\$395,526.14	\$400,000.00	10/1/04	NTX	BLANKET
00231130	BLANKET CONTRACT FOR VARIOUS WORK FOR GAS DEPARTMENT	Arby Construction	ISSUED	1/5/2004	12/31/2004	\$43,344.00	\$250,000.00	8/1/05	NTX	BLANKET

Notes:

- 1) Cumulative amount charged to contract since Contract Execution Date.
- 2) Cumulative amount approved to contract since Contract Execution Date.

Terms and Conditions

Sample

Donald Schrantz
ing Specialist
to: 513-287-4233

Request No: G-0000
Request Date: 3/25/2003
Date Bid Due: 4/1/2003

arr be returned by 2:00 p.m. on date bids are due.
ase secure bids for the attached Gas Project(s)

facilities must be installed in accordance with The Cincinnati Gas & Electric Company's Gas Operation's
ecification GD-150 composite, CFR part 192, the Cincinnati Gas & Electric Company's Standard Terms and
nditions Construction of Gas Facilities, and all applicable specifications.

te: if your current insurance coverage is not up-to-date with our requirements, please submit your certificate of
urance with your bid.

ry contractor performing pipeline construction for Cinergy must submit a copy of their Drug and Alcohol Testing
rogram in accordance with 49A C.F.R. Parts 199 and 40 to:

Drug and Alcohol Testing Administrator
Gas Operations Department
139 E. Fourth Street Rm. 460-A
Cincinnati, OH 45202

ll excavation work must be done in compliance with OSHA Construction Standards for Excavations, Subpart P.

he contractor will pick up all pipe, cable and other material at the beginning of the job and return all excess
aterial upon completion of work to the purchaser headquarters, storge yard, and/or warehouse as a bid item as
directed. The expense of incidental hauling of material will be included with the rest of the bid package and not
aid as an item.

lease obtain a quotation from the firms listed below:

Jobno	Jobname	Eng
0-0000-0		

Contractor	Address
	... Phone Fax

Construction Management

Construction Management

NAME	Truck #	Cellular #	Direct Connect #	Office #	District	Supervisor
Cargile, Bill	3046	513-678-6095	136*24018*84	287-2325	405ex	Westenberg
Fish, Mike	3073	513-678-6096	136*24018*85	287-3290	405ex	Westenberg
Goyette, Carl	2675	513-678-6097	136*24018*86	287-5070	405ex	Westenberg
Maschmeyer, Mike	3896	513-678-6098	136*24018*87 / pager-513-219-0353	287-3335	405ex	Westenberg
McGlone, Gary	1390	513-678-6099	136*24018*88	287-2519	405ex	Westenberg
Parker, Jim	N/A	859-743-6279	136*662186*1		405ex	Westenberg
Prebble, Mark	1211	513-678-6100	136*24018*89	287-3436	405ex	Westenberg
Sizemore, Don	3094	513-678-6101	136*24018*90 / pager-333-8545	287-2988	405ex	Westenberg
Westenberg, Dennis	1203	513-678-6102	136*24018*91	287-2588	405ex	Morgan
Backscheider, Barry	3038	513-678-6104	136*24018*93	287-3290	Monfort	Fish
Blum, Mike	2642	513-678-6106	136*24018*95	287-3290	West	Fish
Boles, Dave	3048	513-678-8363	136*24018*132	287-3290	West	Sizemore
Bowling, Bob	3054	513-678-6105	136*24018*94	287-2325	Todhunter	Sizemore
Doyle, Dan	2647	513-678-6108	136*24018*97	287-3436	West	Prebble
Essert, Earl	2641	513-678-6109	136*24018*98	287-3290	West	Fish
Fry, Dan	3825	513-678-6110	136*24018*99	287-3335	East	McGlone
Goff, Don	2645	513-678-6111	136*24018*100	287-3290	West	Fish
Hall, Kevin	3058	513-678-6112	136*24018*101	287-3335	Florence	Maschmeyer
James, Greg	2646	513-678-6113	136*24018*102	287-3436	East	Prebble
Jones, Kenny	2643	513-678-6115	136*24018*104	287-3290	West	Fish
Klei, Jeff	2672	513-678-6116	136*24018*105	287-3290	Dana	Fish
Kuhl, Mary	3083	513-678-8308	136*24018*131	287-3290	Dana	Prebble
Malone, Kevin	2673	513-678-6117	136*24018*106	287-3436	Eastern	Prebble
Maynard, Wayne	2679	513-678-6118	136*24018*107	287-2988	Eastern	McGlone
McAlpin, Mike	2640	513-678-6119	136*24018*108	287-3290	West	Fish
Mericle, Cliff	2972	513-678-6120	136*24018*109	287-3631	Florence	McGlone
Meyer, Tony	3350	513-678-6121	136*24018*110	287-2988	Dana	Sizemore
Newkirk, Scott	2674	513-678-6122	136*24018*111	287-2988	Todhunter	Sizemore
Phillips, Fred	2973	513-678-6124	136*24018*113	287-3335	Florence	Maschmeyer
Reed, Mike	3056	513-678-6125	136*24018*114	287-2988	Dana	Sizemore
Ruter, Dave	3057	513-678-6126	136*24018*115	287-3436	Dana	Prebble
Sendelbach, Louis	2392	513-678-6127	136*24018*116	287-1428	East	Maschmeyer
Sims, Jimmie	2678	513-678-6128	136*24018*117	287-3335	Florence	Maschmeyer
Sizemore, Denny	2676	513-678-6129	136*24018*118	287-3335	Florence	Maschmeyer
Smyth, Bob	3078	513-678-6130	136*24018*119	287-3436	West	Prebble
Snively, Chris	3824	513-678-6131	136*24018*120	287-2988	Todhunter	Sizemore

Construction Management

NAME	Truck #	Cellular #	Direct Connect #	Office #	District	Supervisor
Stratman, Tom	2393	513-678-6132	136*24018*121	287-1426	West	Sizemore
Sweitzer, Tom	2644	513-678-6133	136*24018*122	287-3436	East	Prebble
Veneman, Jerry	2677	513-678-6135	136*24018*124	287-3436	Monfort	Prebble
Wagner, Mike	3060	513-678-6139	136*24018*125	287-3335	Florence	McGlone
Waller, Rick	3044	513-678-6140	136*24018*126	287-3631	Dana	McGlone
Walters, Tom	3046	513-678-8298	136*24018*130	287-3436	East	Prebble
zAdkins, Kevin		513-678-6103	136*24018*92	287-5206	Monfort	Goyette
zBlauvelt, Frank		266-7019	136*24018*128	287-5071	Dana	Goyette
zCollins, Larry		513-678-6107	136*24018*96	287-5206	Eatst	Goyette
zForeman, Frank	2971	543-4685	219-8483	287-3188	House Bills	Shepard
zJohnson, Fred		513-678-6114	136*24018*103	287-5206	Florence	Goyette
zMerkel,Diesel Bob		678-4433	136*24018*127	287-5071	Dana	Goyette
zSteele Kenneth	3866	678-6134	123	287-5070		
zSenior, Greg		513-543-7157	page 219-0532	287-5290	Safety	Dierker
Tonya Bourrage			639-9030	287-2638		
Linda Mayernik			639-9029	287-5549		
Chris Kloeker			639-9031	287-5424		

Contractor Manpower

Contractor Manpower

12/20/2004		AVERAGE # CONTRACTOR PERSONNEL PER MONTH											
Contractor		Main Construction						Gas Only					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2004													
AMS		61	61	80	80	90	90	80	80	80	80	58	0
Arby's		15	15	14	14	16	25	25	27	28	28	27	0
Brewer Co.		41	41	35	35	50	57	57	60	61	60	52	0
Byrnes - Conway		65	65	63	63	63	69	71	79	79	80	65	0
C.J. Hughes		47	47	53	53	46	44	50	45	45	44	38	0
Great Western		33	33	36	36	37	46	40	43	40	41	38	0
Henkels & McCoy		18	18	26	26	30	48	48	51	48	46	46	0
Infrasource		25	25	41	43	41	41	36	25	28	28	21	0
Michels		1	1	1	1	0	0	0	0	0	0	0	0
Midwest		12	12	0	0	0	0	0	0	0	0	0	0
Miller		60	60	81	81	91	92	88	75	72	68	70	0
Subtotal		378	378	430	432	464	512	495	485	481	475	415	0
Carl Goyette													
Paving													
AMS-Concrete, Asphalt, Unit Cost		10	10	10	10	10	10	10	10	10	10	10	10
Dad's Bobcat Service		3	3	3	3	3	3	3	3	3	3	3	3
Adleta		4	4	4	4	4	4	4	4	4	4	4	4
AMS-Grass		3	3	3	3	3	3	3	6	6	6	6	6
AMS-Concrete Asphalt / Fastrak		5	5	5	5	5	5	5	5	5	5	5	5
Kentucky Curb Bos		6	6	6	6	6	6	6	5	5	5	5	5
AMS-Corrosion		7	7	7	7	7	7	7	5	5	5	5	5
Subtotal		31	31	38	31	31	38	38	38	38	38	38	38
Grand Total		409	409	468	463	495	550	533	523	519	513	453	

Construction Schedule For Module And Non-Module Jobs

Modules--Construction Schedule and Progress Report Fourth Quarter 2004

Job Number	Job Name	Contractor	Community	Projected Length	Length To Date	Remaining Main	Percentage Complete
02-8285-5	KY CIBS MODULE 285	AMS Construction	Ludlow	7,713	7,713	0	100%
04-8294-3	KY CIBS MODULE 294	Brewer Company	Newport, Southgate, Ft Thomas, Cold Spring	20,003	20,003	0	100%
04-8302-4	KY CIBS MODULE 302	AMS Construction	Dayton	8,348	8,348	0	100%
04-8303-2	KY CIBS MODULE 303	AMS Construction	Covington	7,480		7,480	0%
04-8304-0	KY CIBS MODULE 304	AMS Construction	Covington	9,015	9,015	0	100%

12/13/04

AMRP Projects Construction Schedule and Progress
for Projects Outside Module C

ReportPeriod: 200412

WO	Jobno	Job Name	Start Date	In ServiceDt	Construction By	Pct Complete	Length
B7194	04-1047-2	GRANT	09/04		AMS	0	995.00
B7198	04-1041-5	HOLMES	09/04		AMS	0	640.00
B7200	04-1032-4	LYNN	05/04		AMS	100	330.00
B7221	04-1042-3	HINDE			AMS	0	960.00
C1035	04-7426-2	SOUTHGATE-COV	11/04		CJ Hughes	100	500.00

Index of AMRP Projects

Attached is a listing of:

1. AMRP projects scheduled in 2004 fourth quarter. These project numbers will match the 11" x 17" job construction drawings included with this filing. The job number is located in the box in the lower right-hand corner of the page.

Construction Drawings and Maps

**The following Construction Drawings and Maps are included
as part of the Fourth Quarter 2004 Filing**

Construction Drawings:

Southgate-Cov (Emergency Job)

Maps:

S01E01	S01W01
N01E01	S04E02
S03W02	S03E02
S02W01	S02E02
S01W02	S02W02
S03W01	S02E01

Progress Reports For Module Work And Projects Outside Of Module Work

Fourth Quarter 2004

Modules--F \ngress Report Fourth Quarter 2004

<u>Job Number</u>	<u>Job Name</u>	<u>Contractor</u>	<u>Community</u>	<u>Projected Length</u>	<u>Length To Date</u>	<u>Remaining Main</u>	<u>Percentage Complete</u>
02-8285-5	KY CIBS MODULE 285	AMS Construction	Ludlow	7,713	7,713	0	100%
04-8294-3	KY CIBS MODULE 294	Brewer Company	Newport, Southgate, Ft Thomas, Cold Spring	20,003	20,003	0	100%
04-8302-4	KY CIBS MODULE 302	AMS Construction	Dayton	8,348	8,348	0	100%
04-8303-2	KY CIBS MODULE 303	AMS Construction	Covington	7,480		7,480	0%
04-8304-0	KY CIBS MODULE 304	AMS Construction	Covington	9,015	9,015	0	100%

12/13/04

AMRP Projects Construction Schedule and Progress
for Projects Outside Module 'k

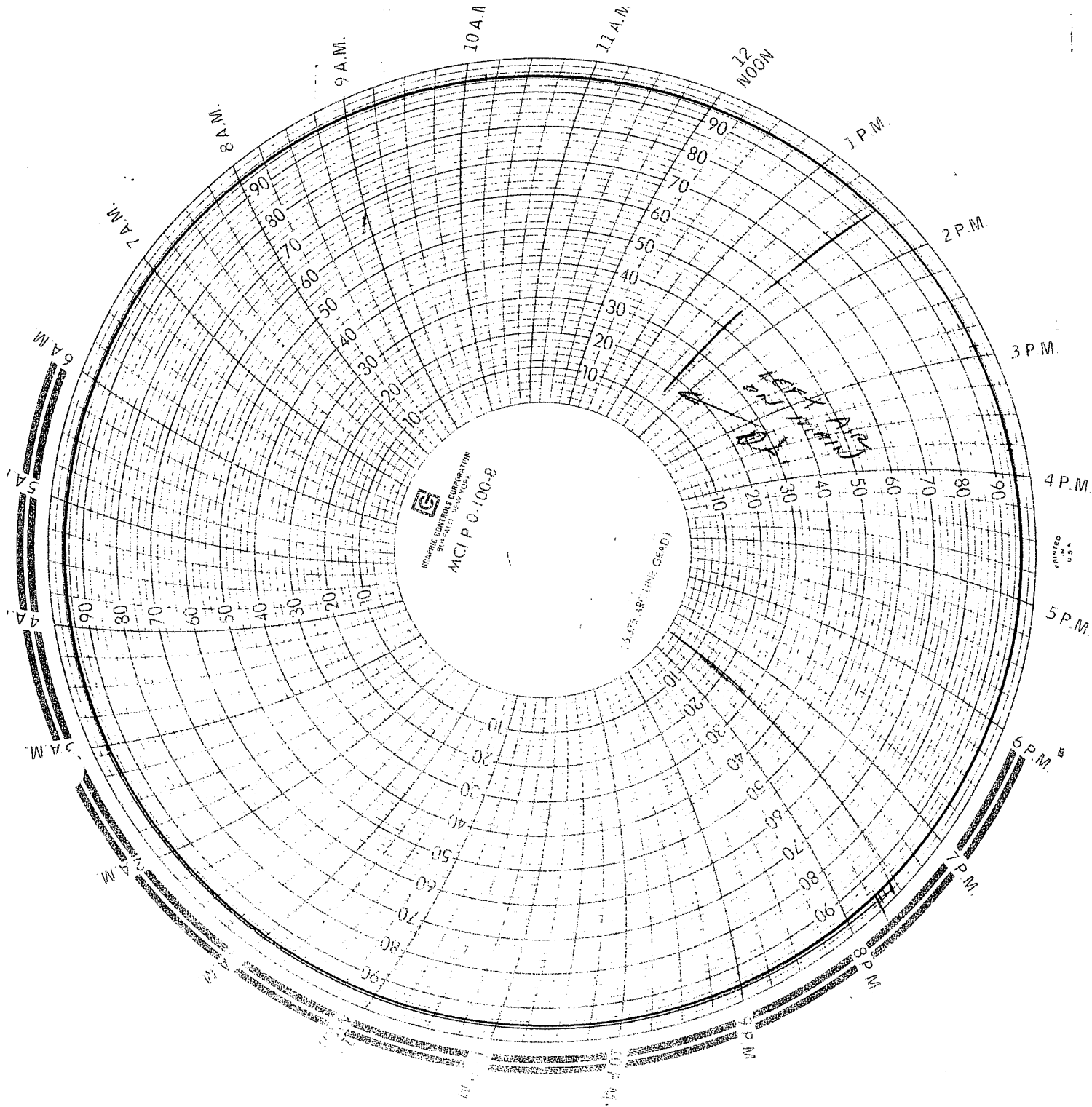
ReportPeriod: 200412

WO	Jobno	Job Name	Start Date	In ServiceDt	ReqNo	Construction By	Pct Complete	Length
B7194	04-1047-2	GRANT	09/04		G-4726	AMS	0	995.00
B7198	04-1041-5	HOLMES	09/04		G-4726	AMS	0	640.00
B7200	04-1032-4	LYNN	05/04		G-4726	AMS	100	330.00
B7221	04-1042-3	HINDE			G-4726	AMS	0	960.00
C1035	04-7426-2	SOUTHGATE-COV	11/04			CJ Hughes	100	500.00

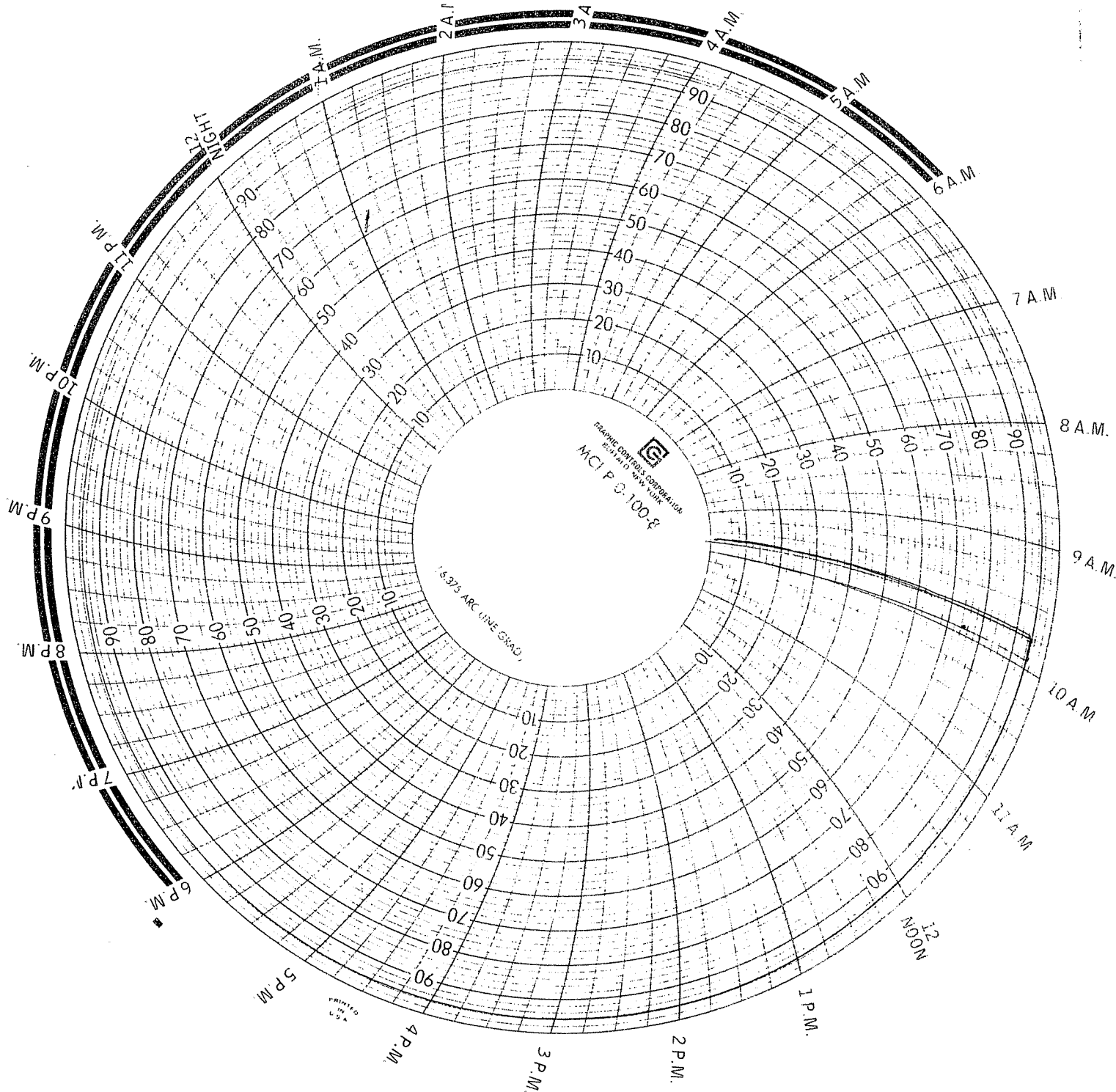
Pressure Charts For Module Work

Fourth Quarter 2004

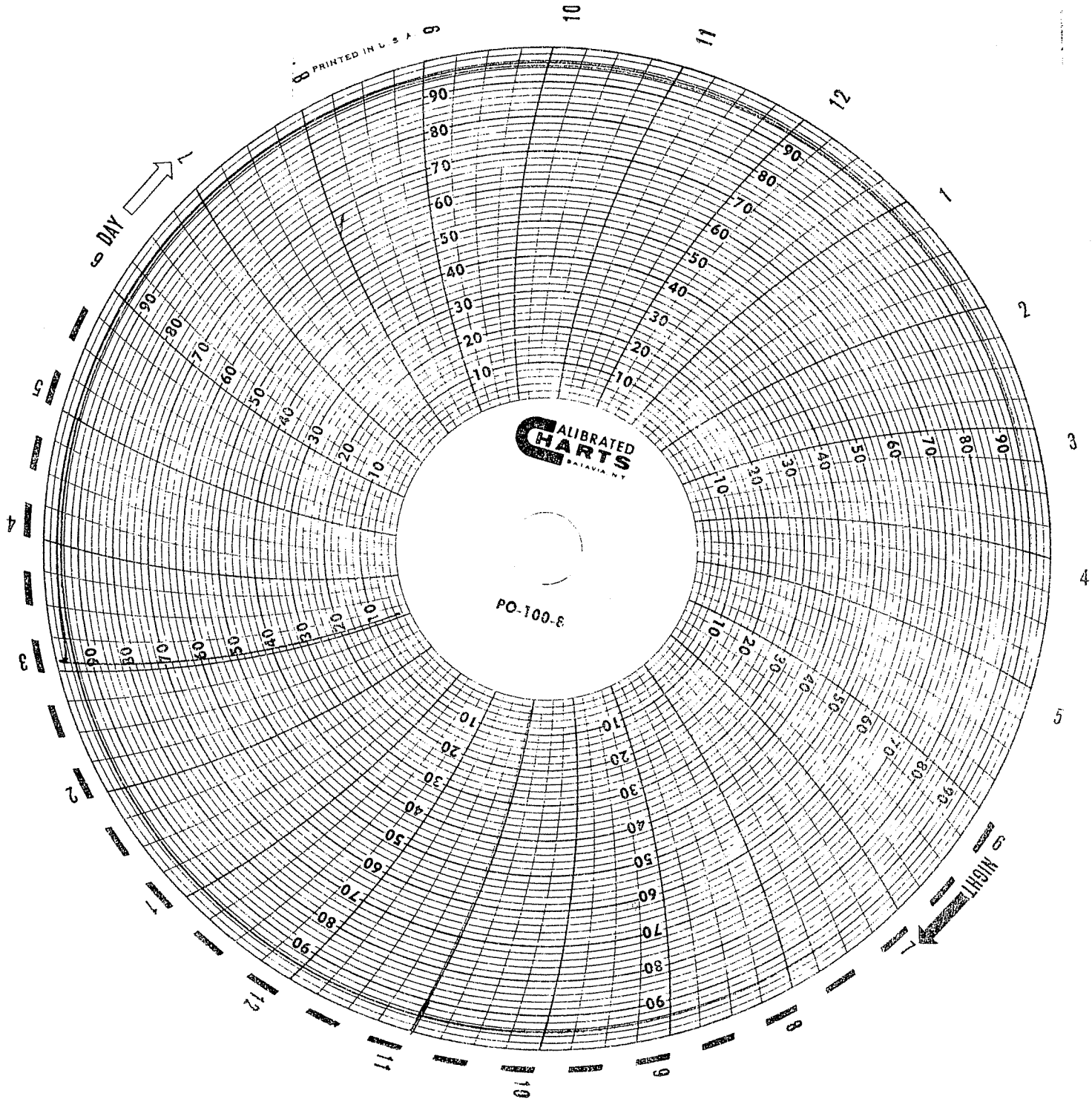
Pressure Charts For Module 286



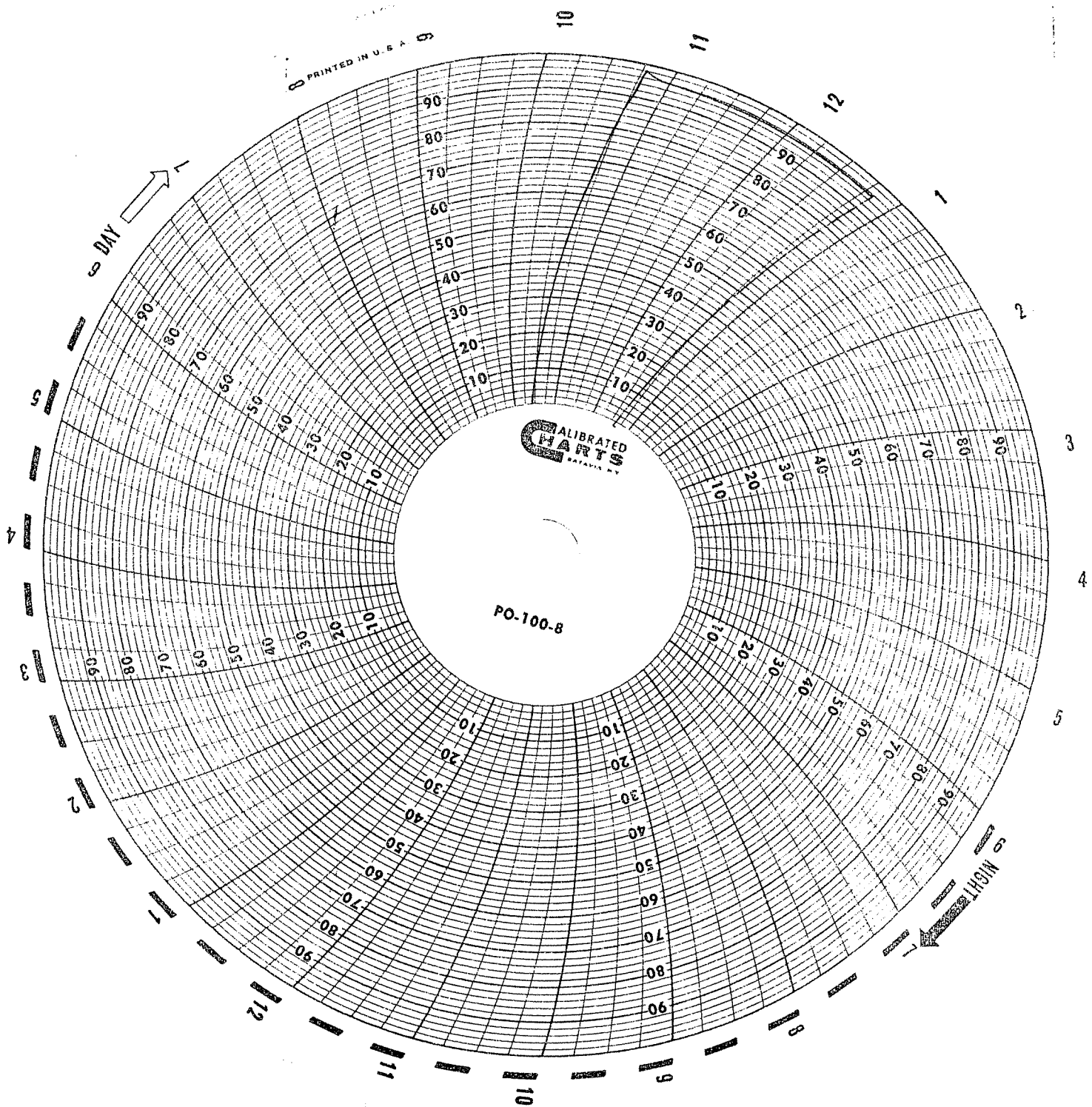
Module 286

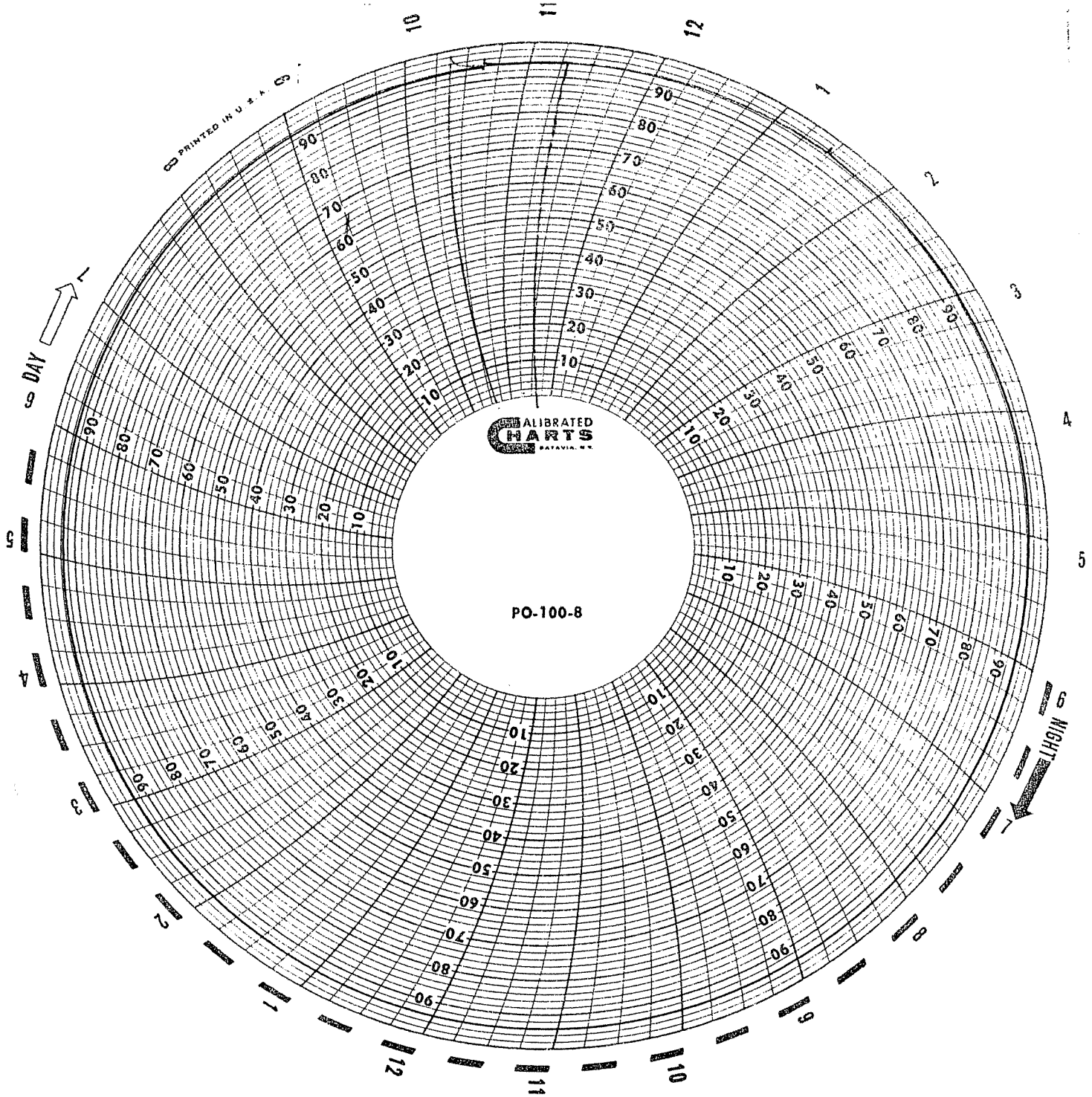


Module 286

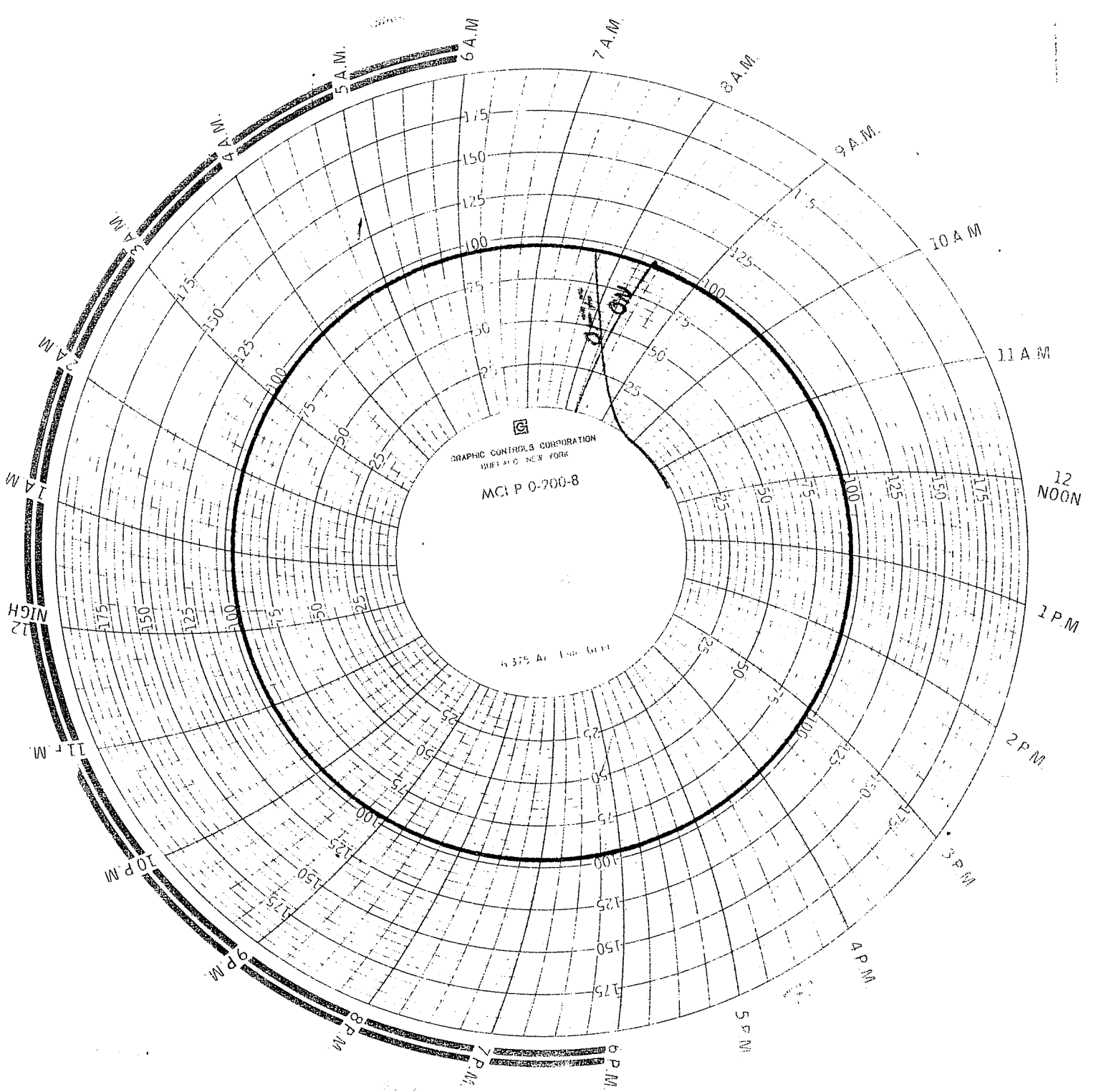


module 286

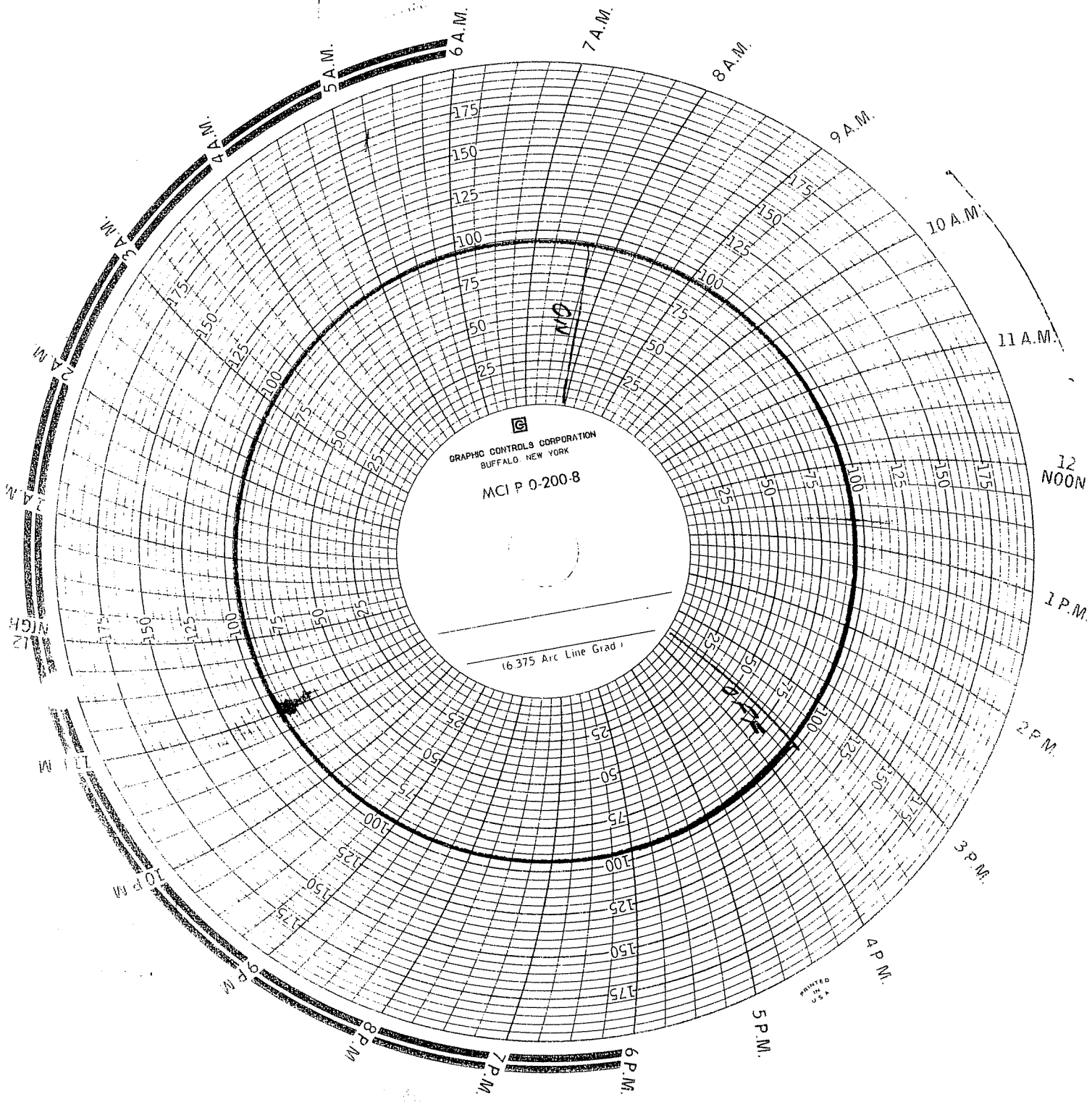




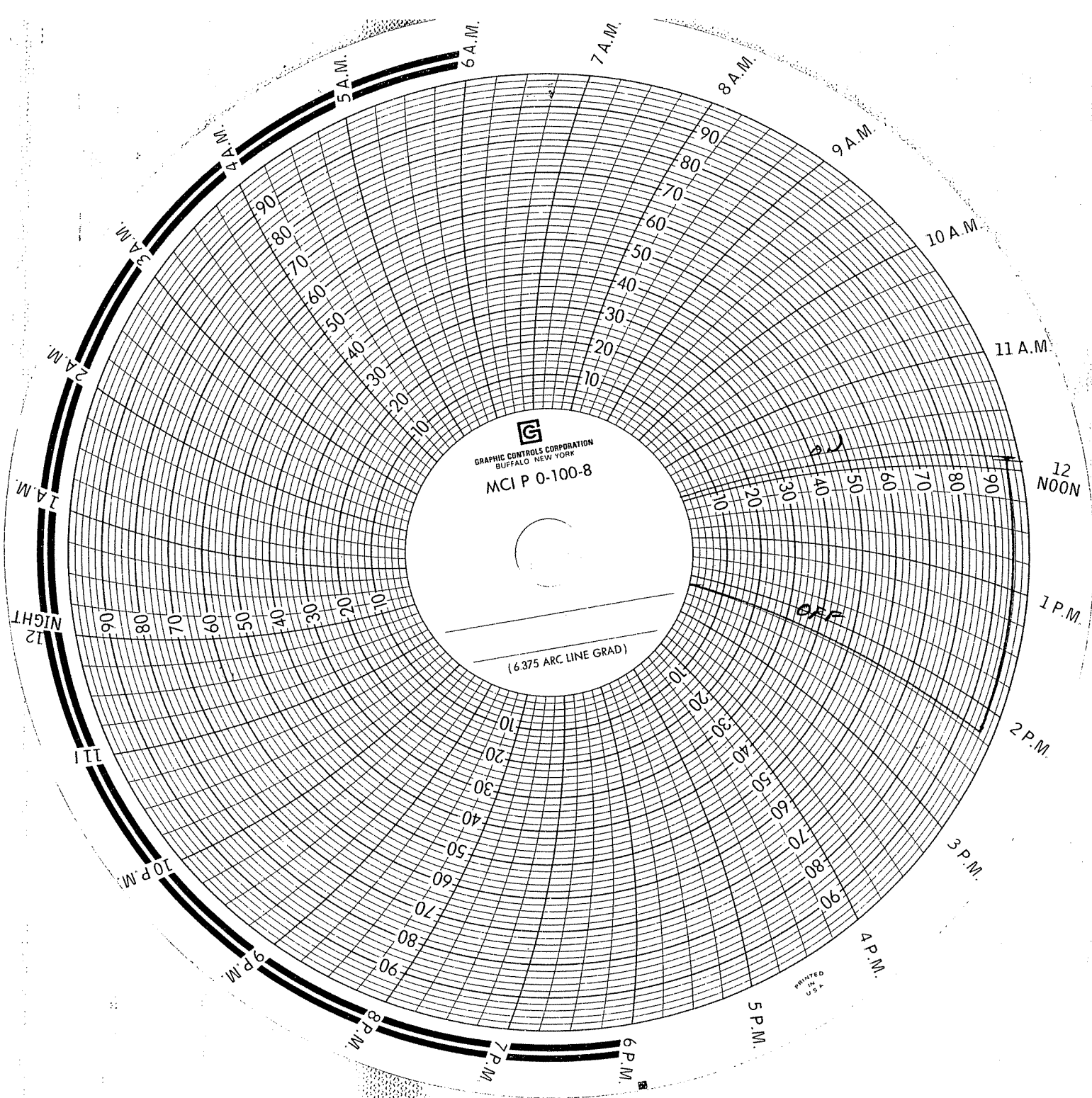
Pressure Charts For Module 294



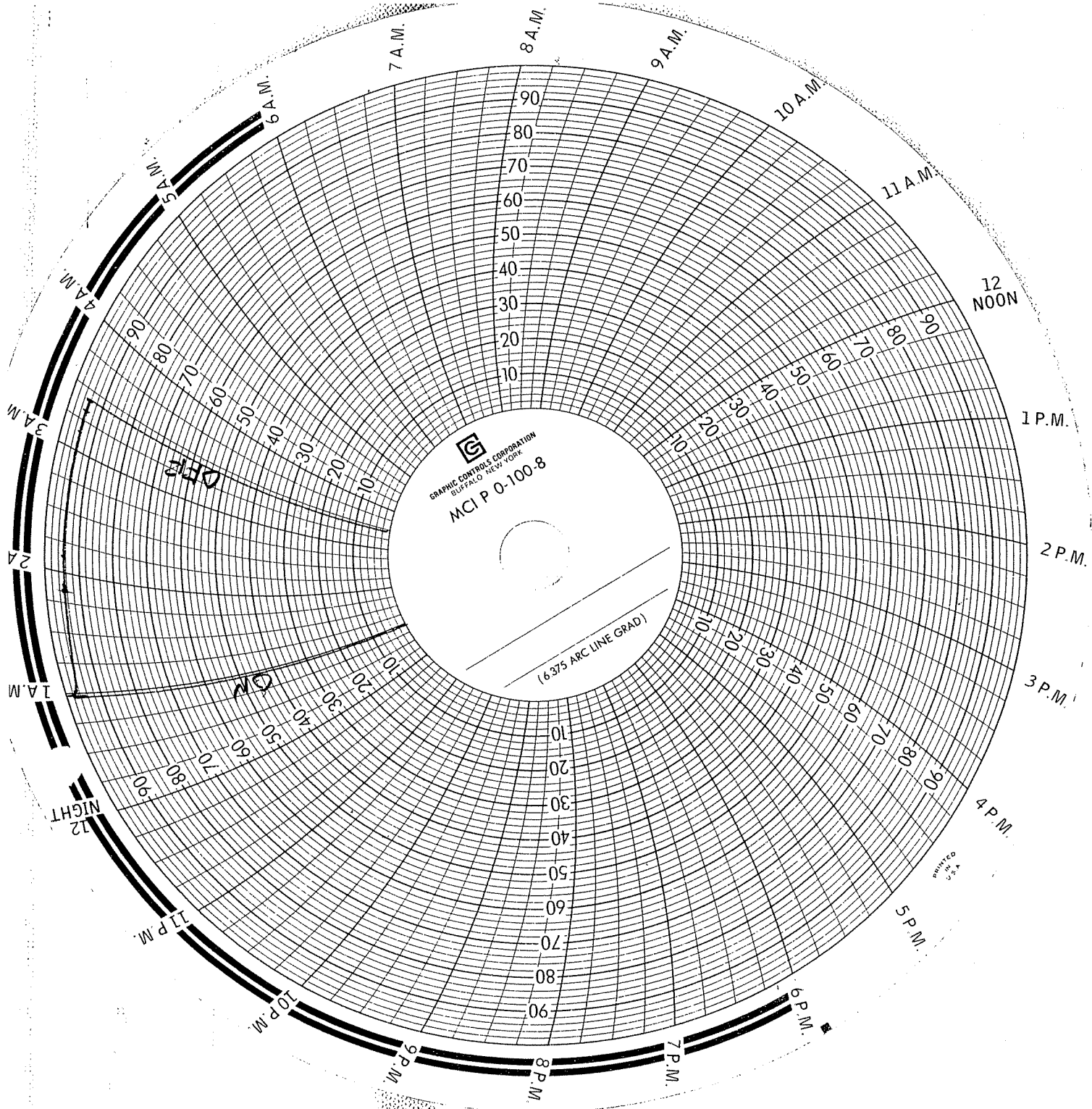
Module 294

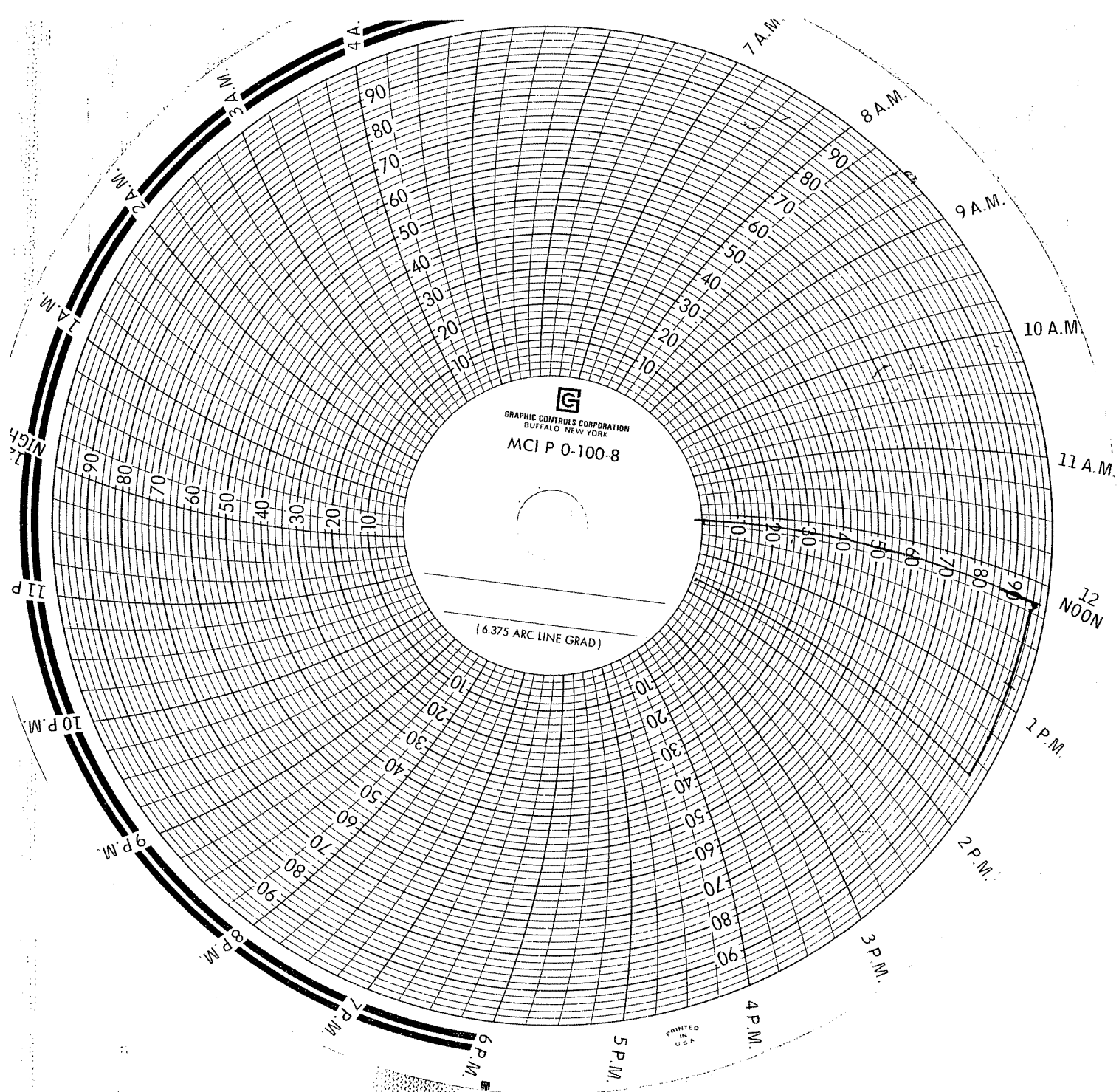


Module 294

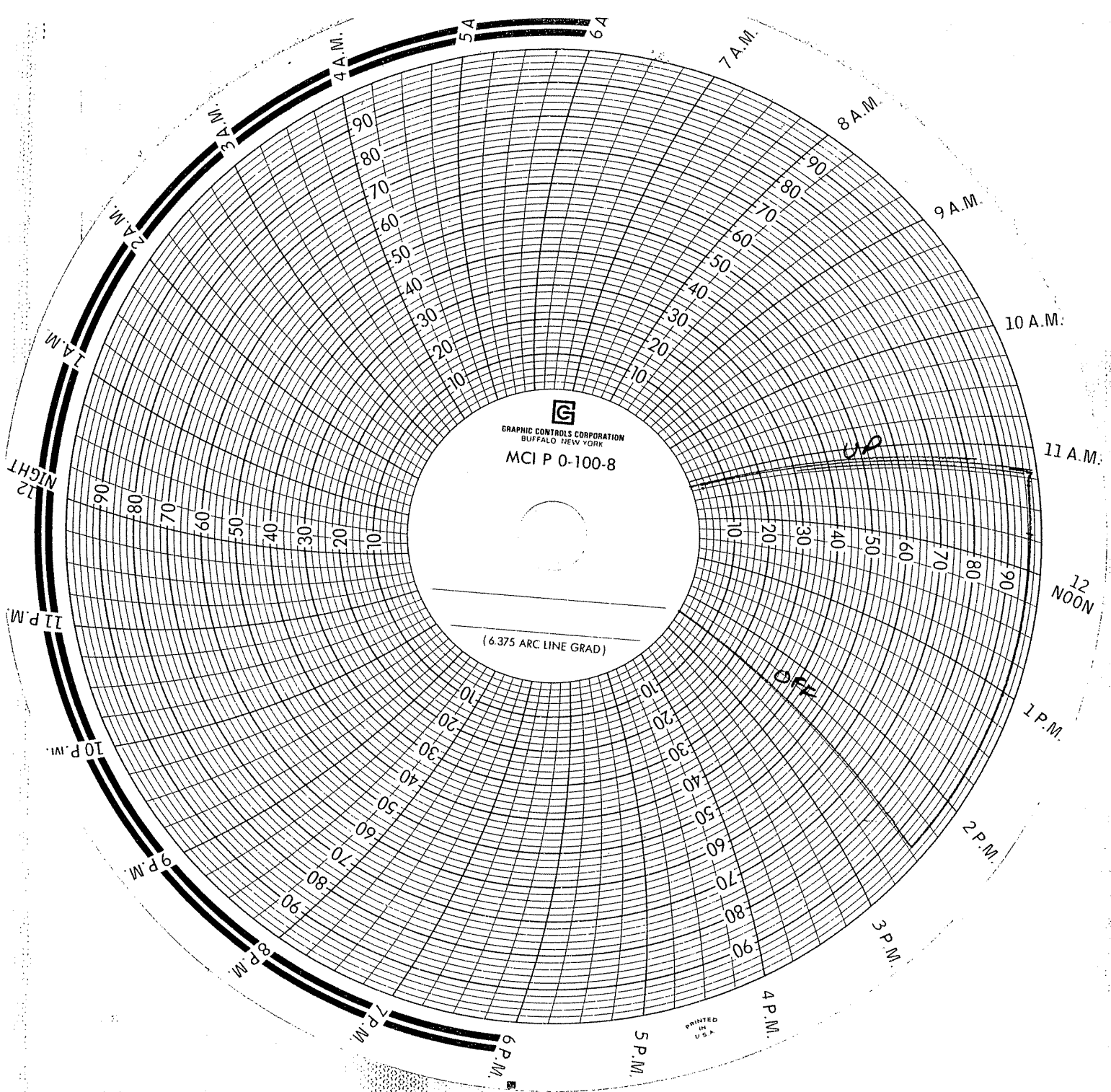


Module 294

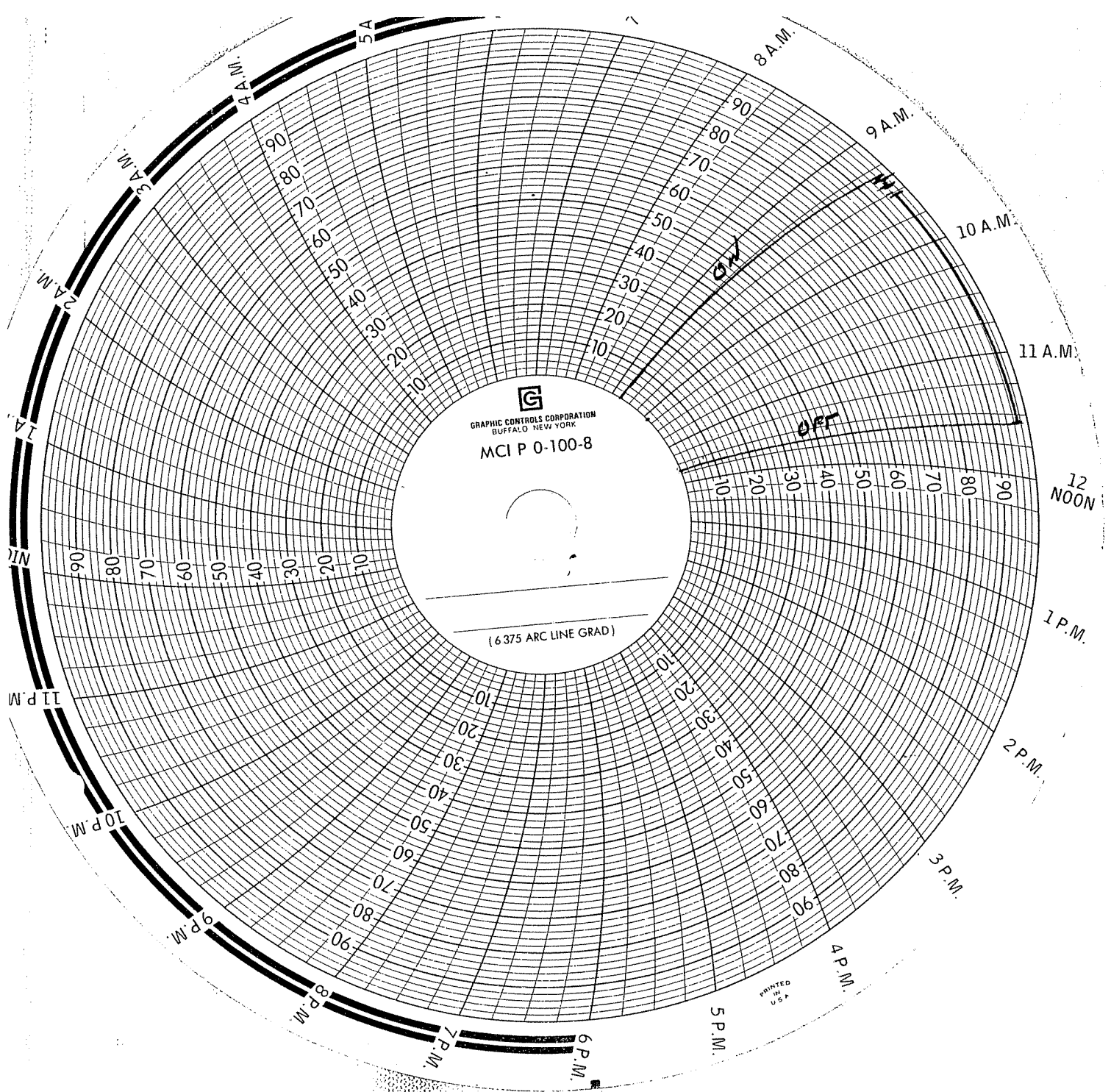




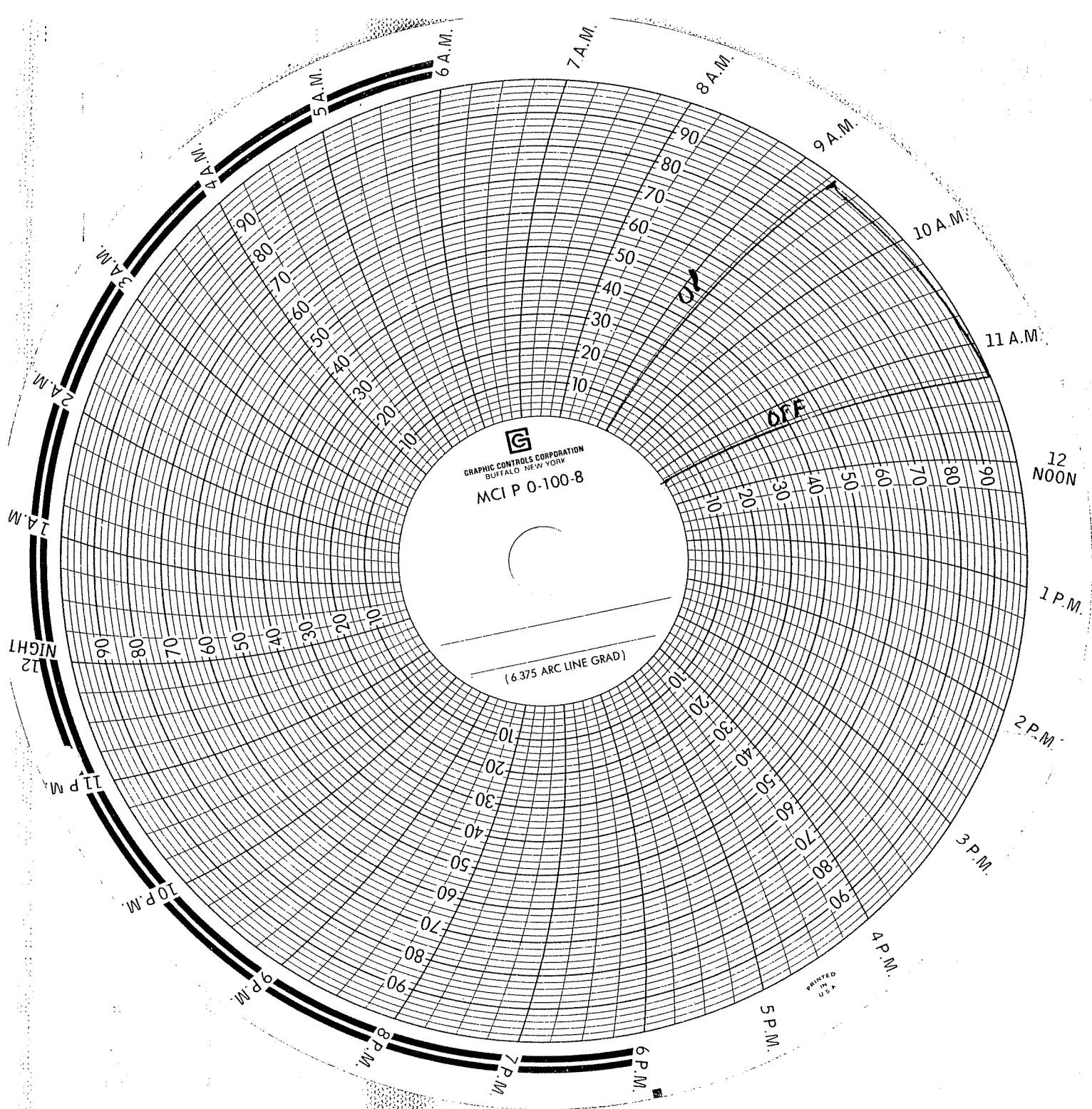
Module 294



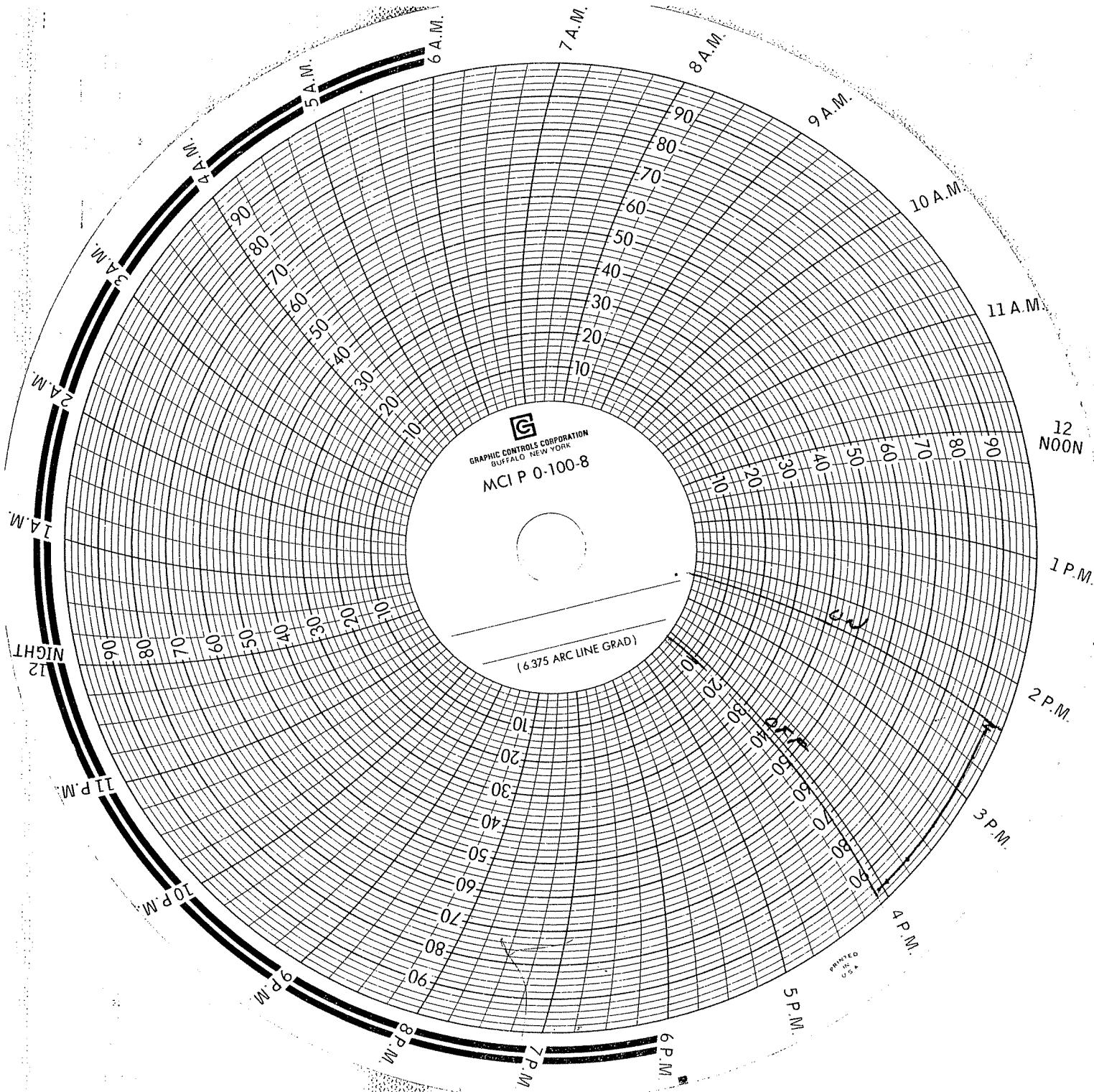
Module 244



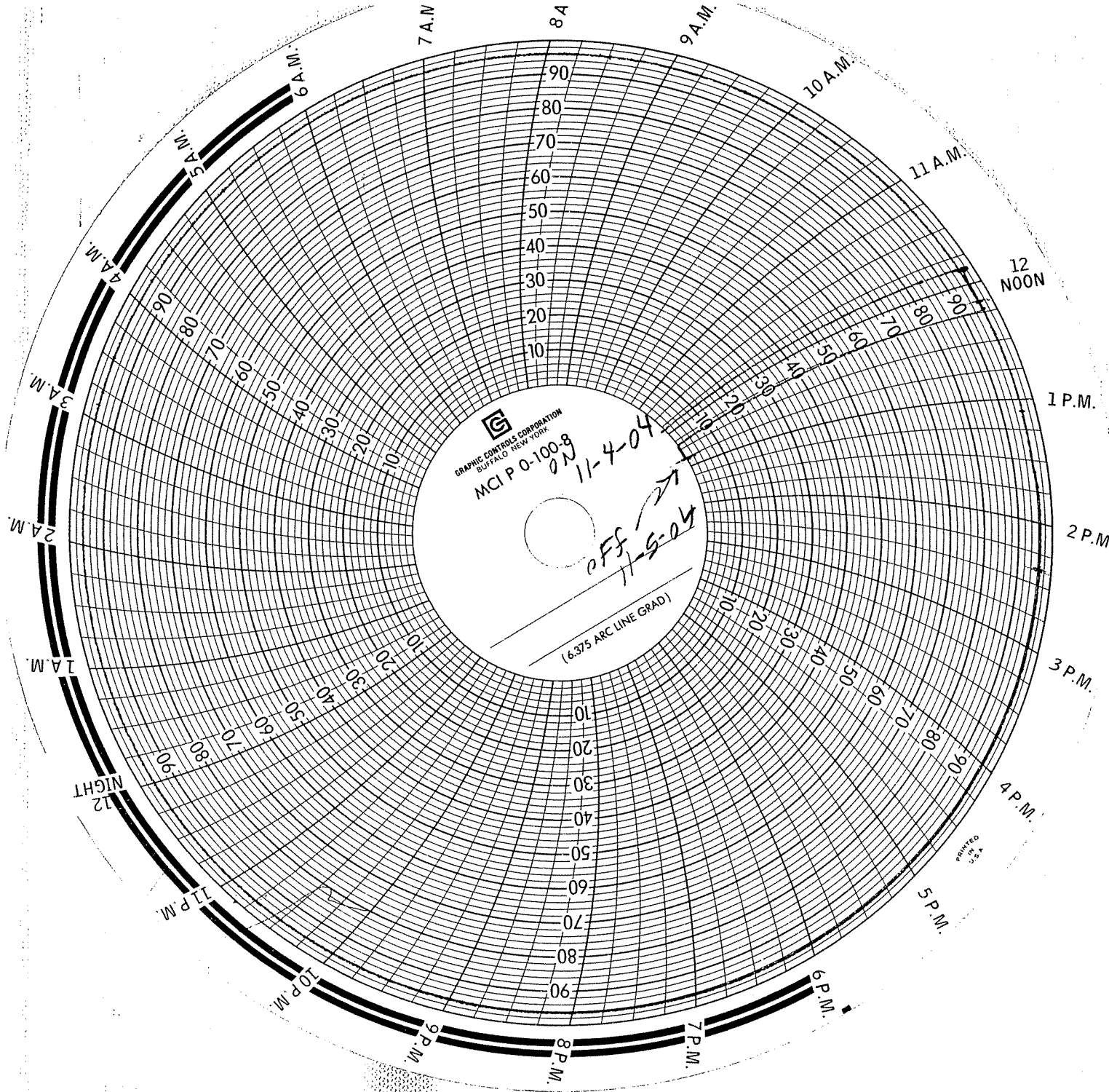
Module 294



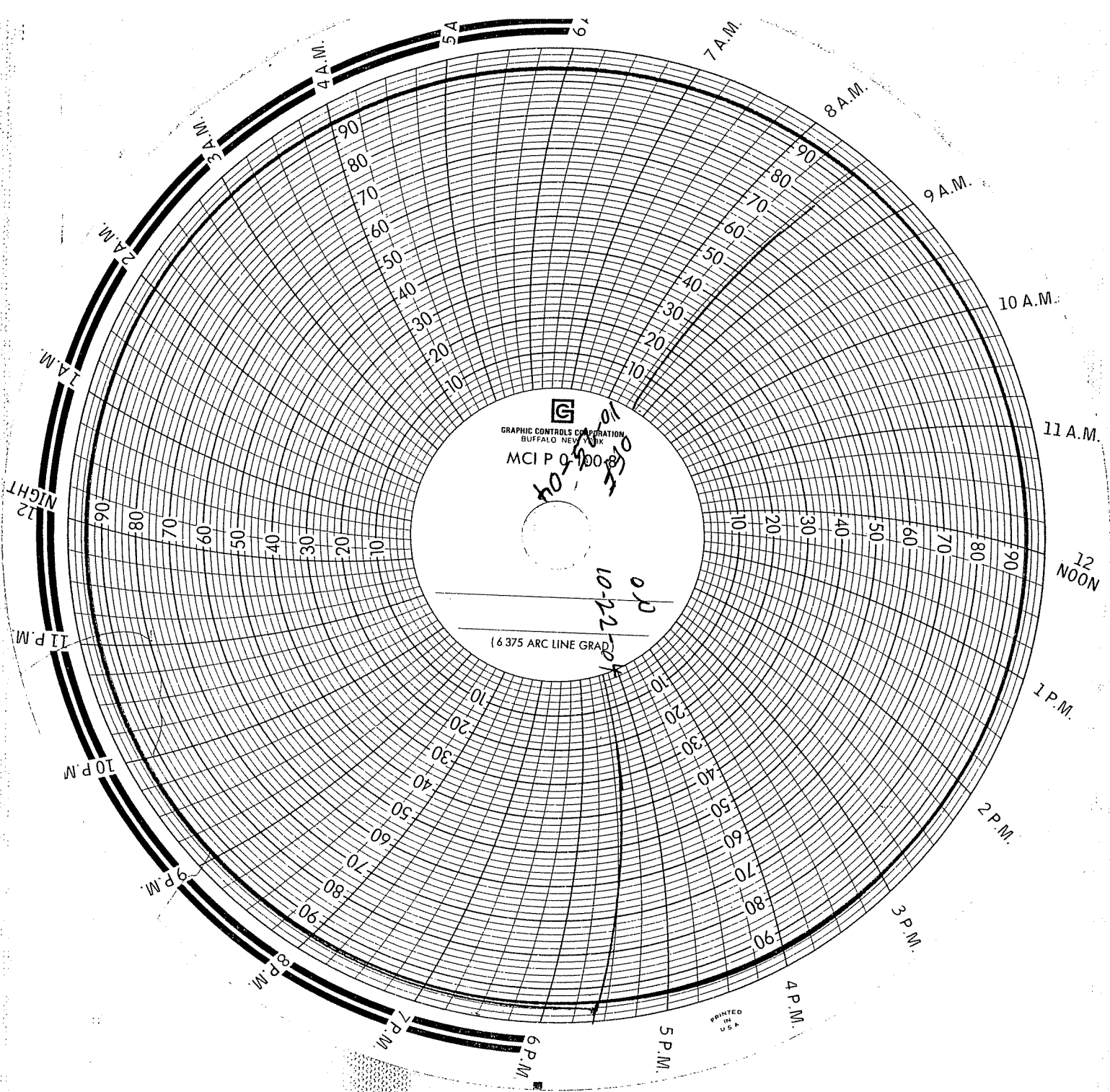
Module 294



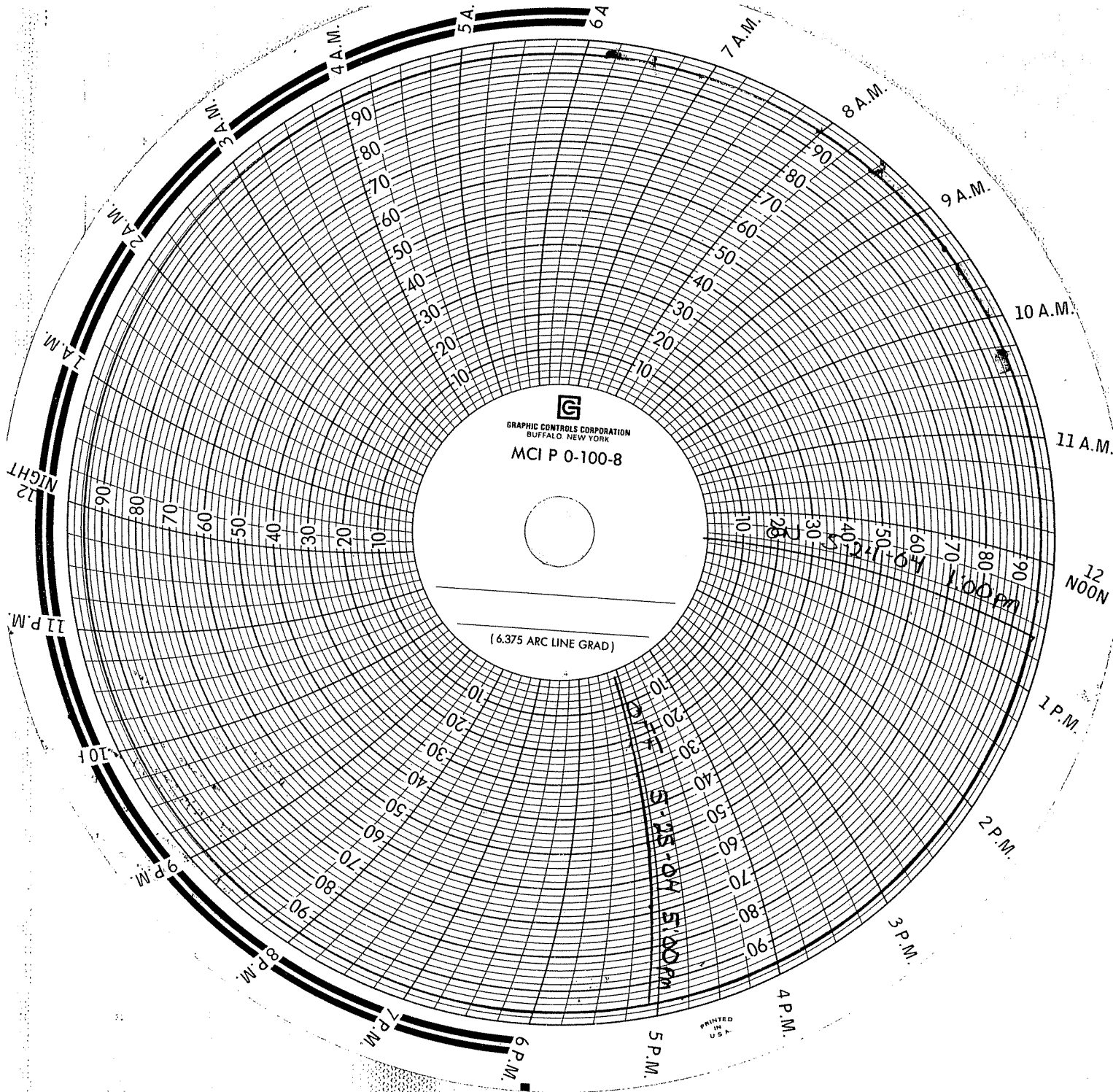
module 294



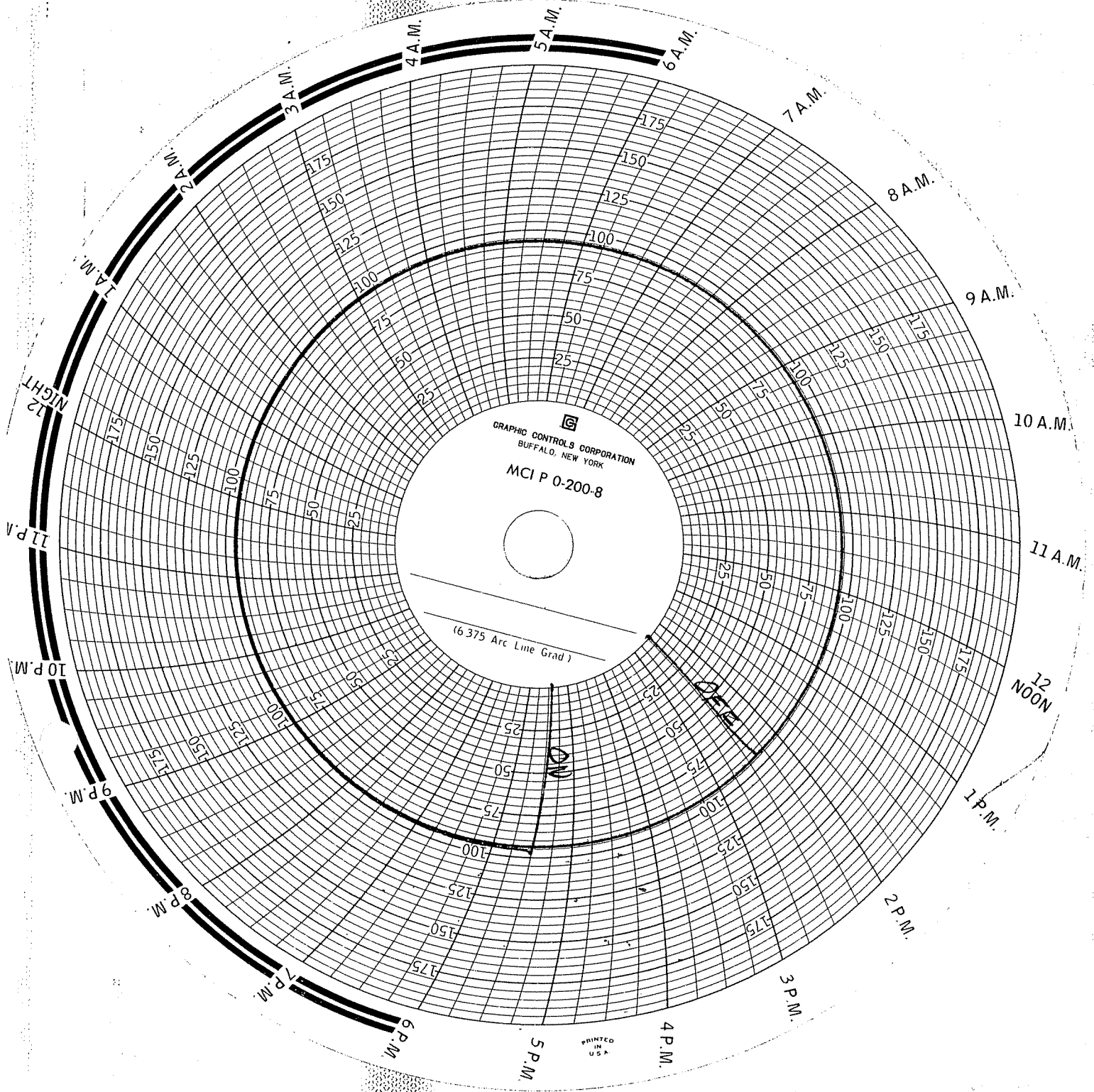
Model 294



Module 294



Module 294



Module 294

PRINTED IN U.S.A.

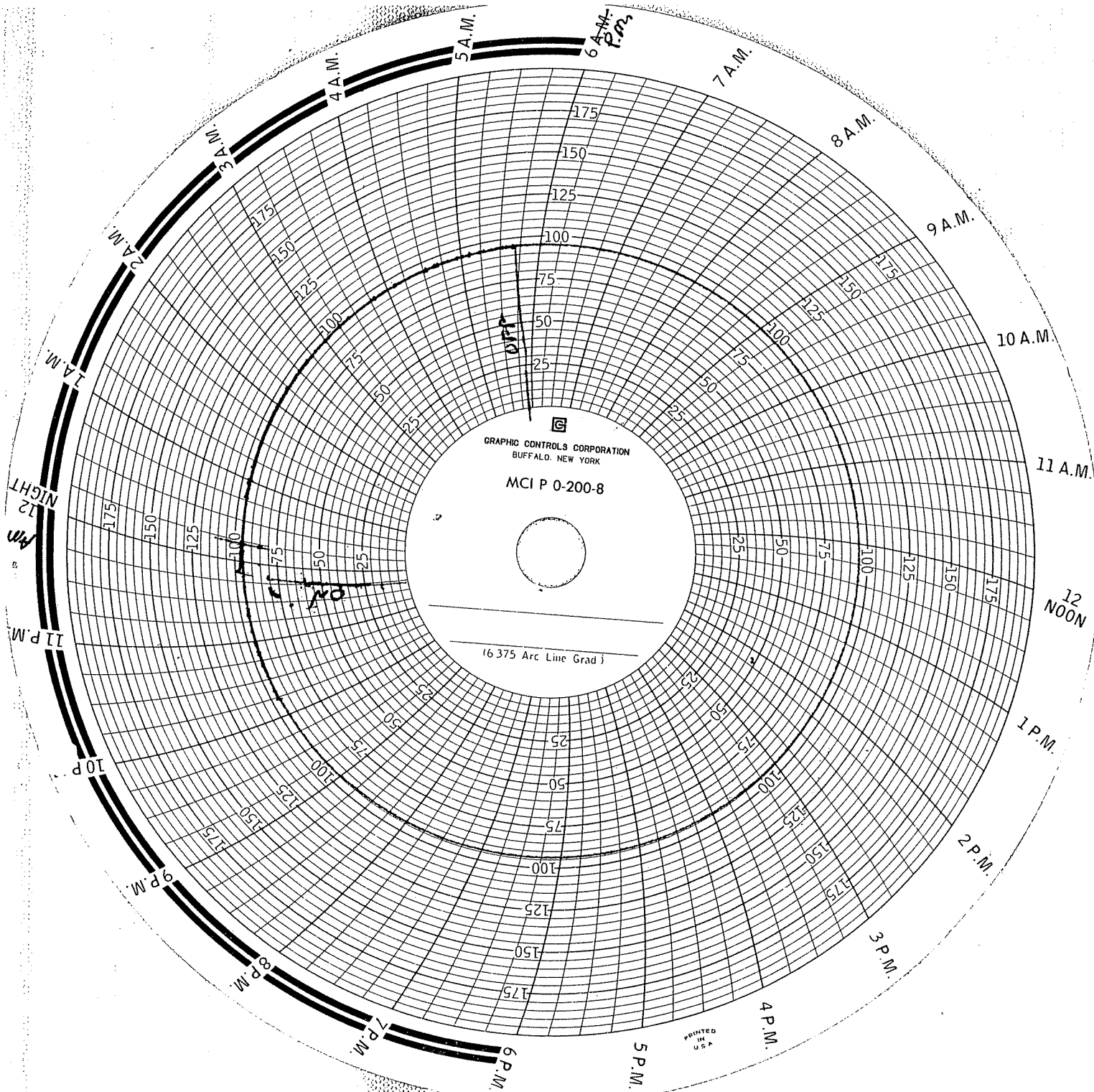
CALIBRATED
HARTS
BATAVIA, N.Y.

PO-100-8

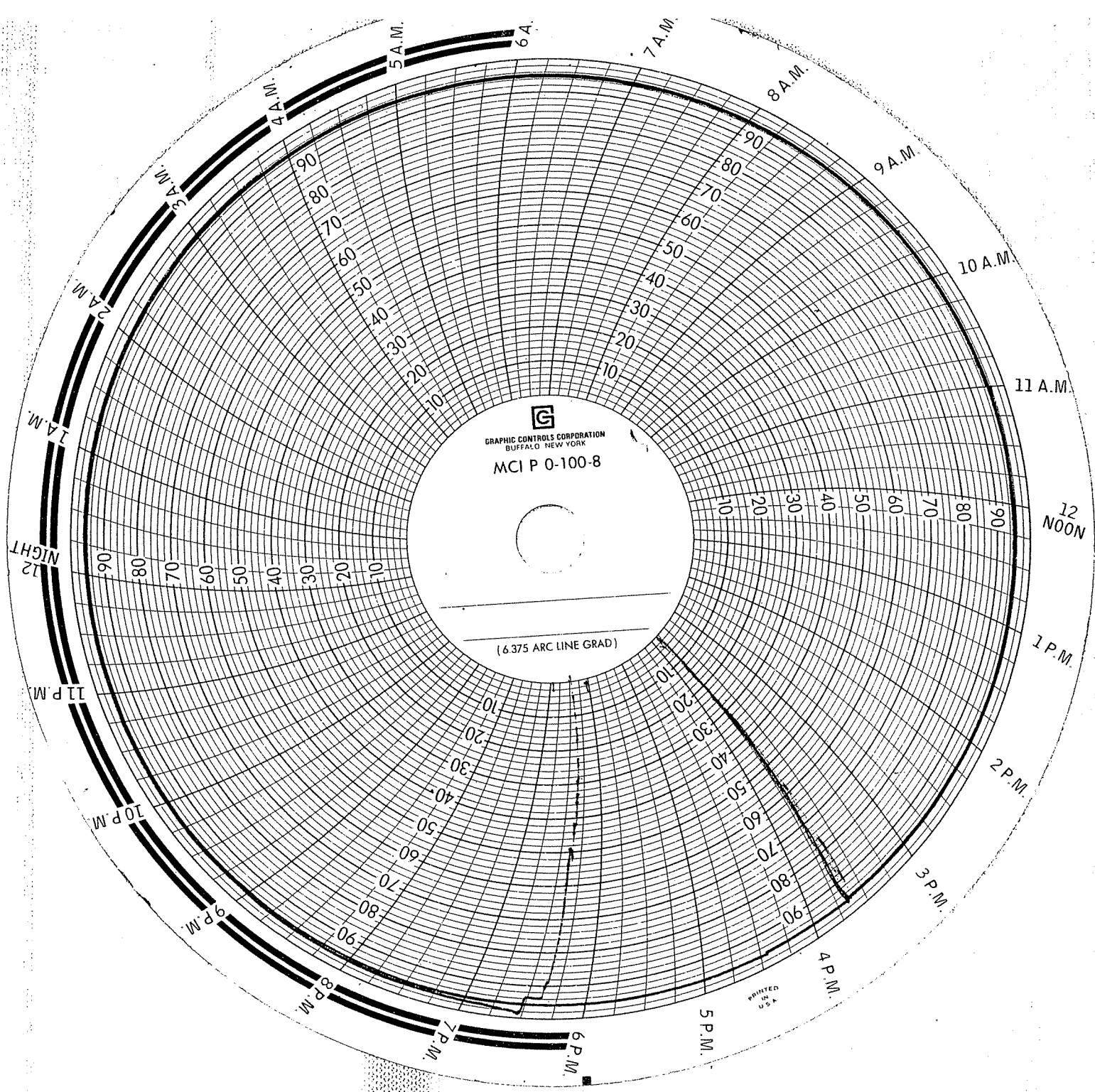
DAY

NIGHT

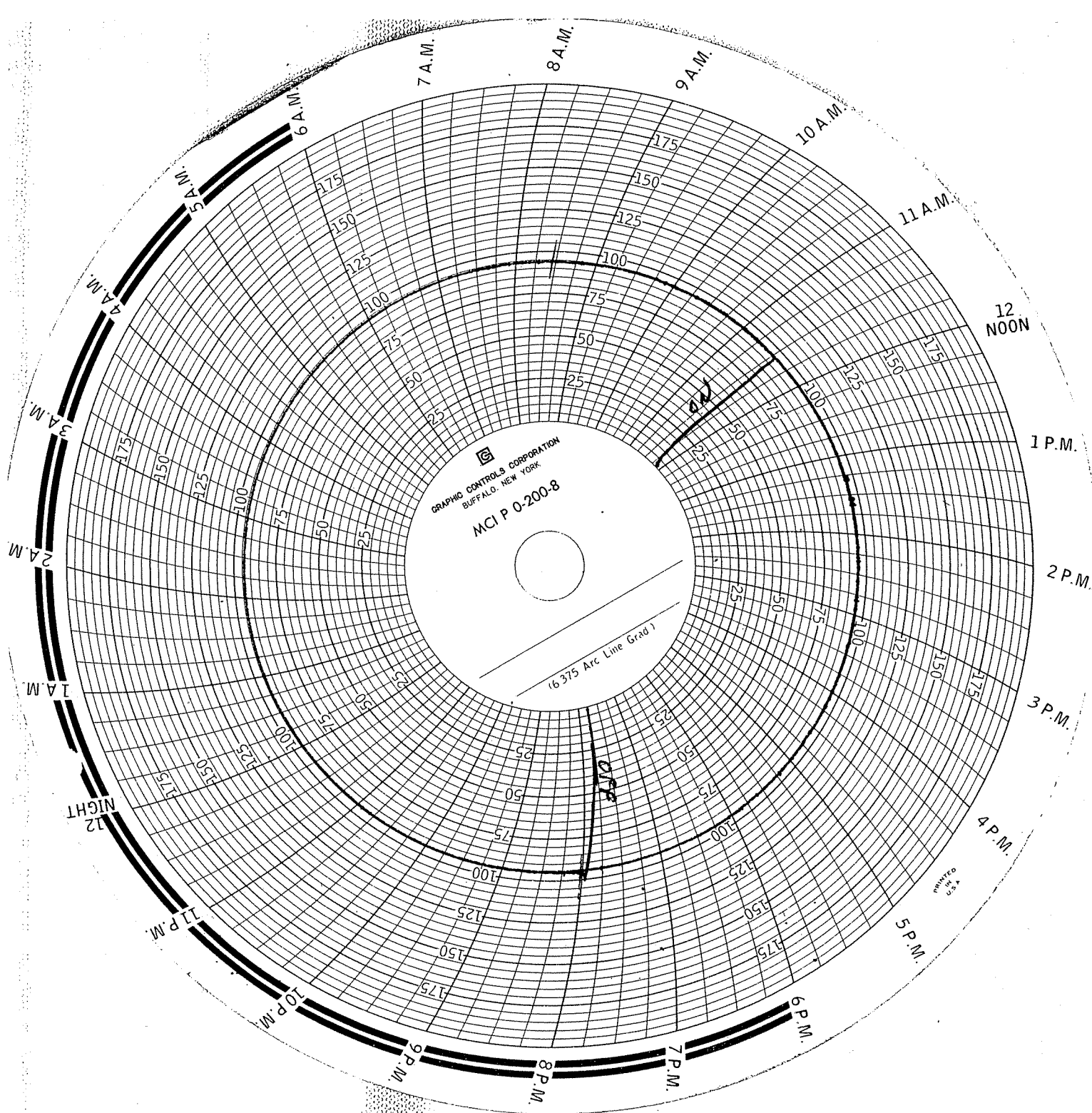
Module 294

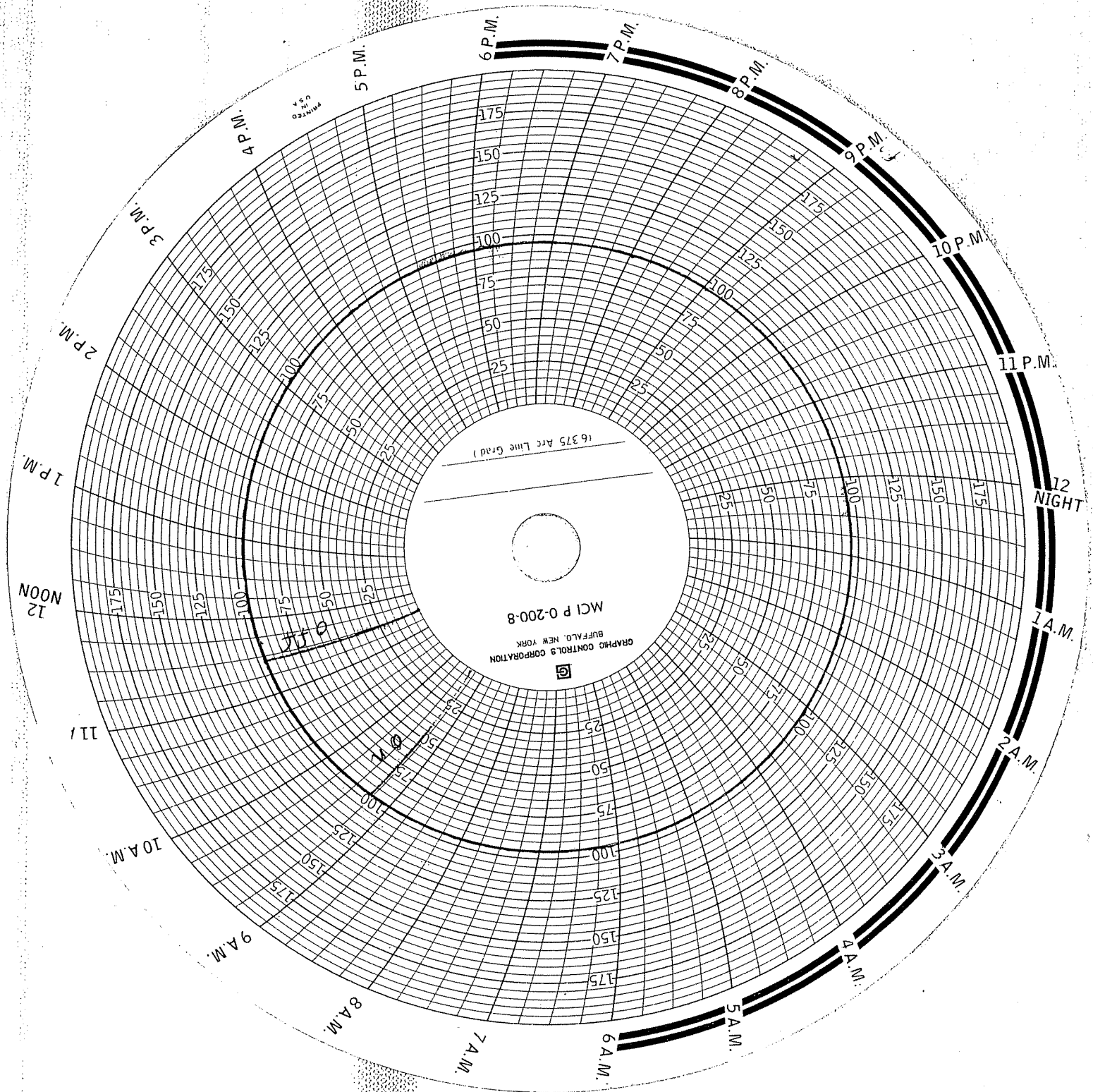


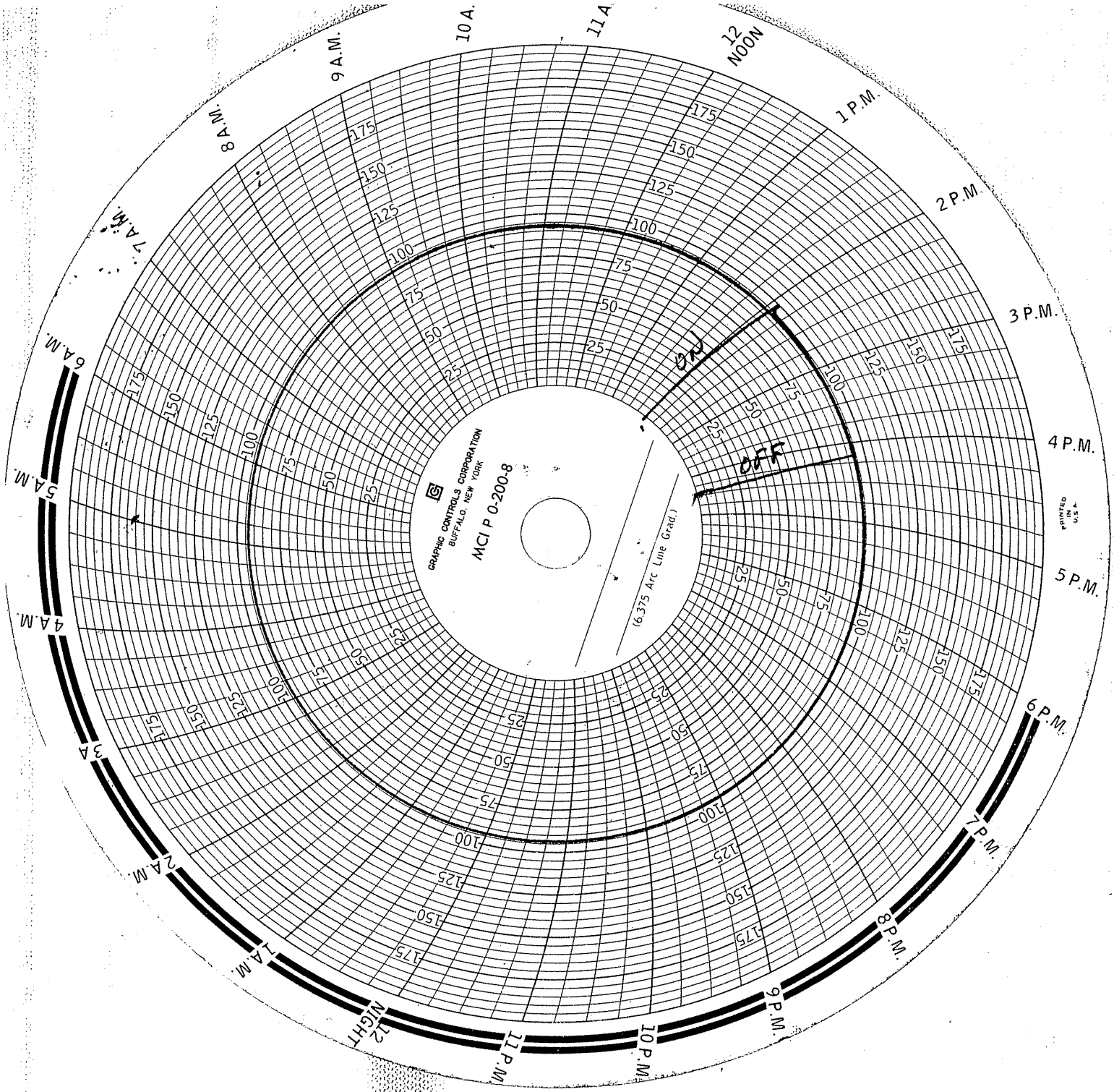
Module 294

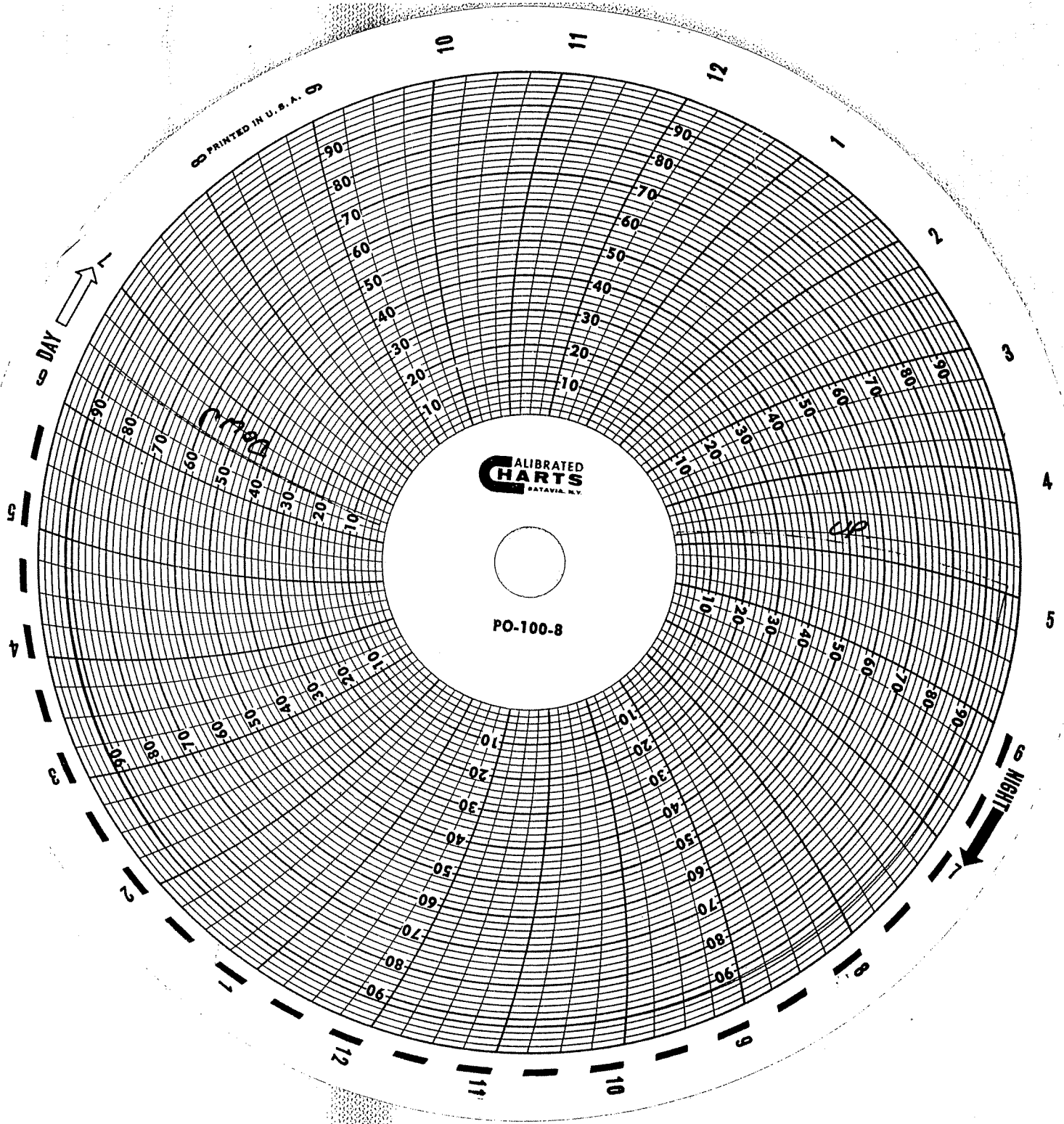


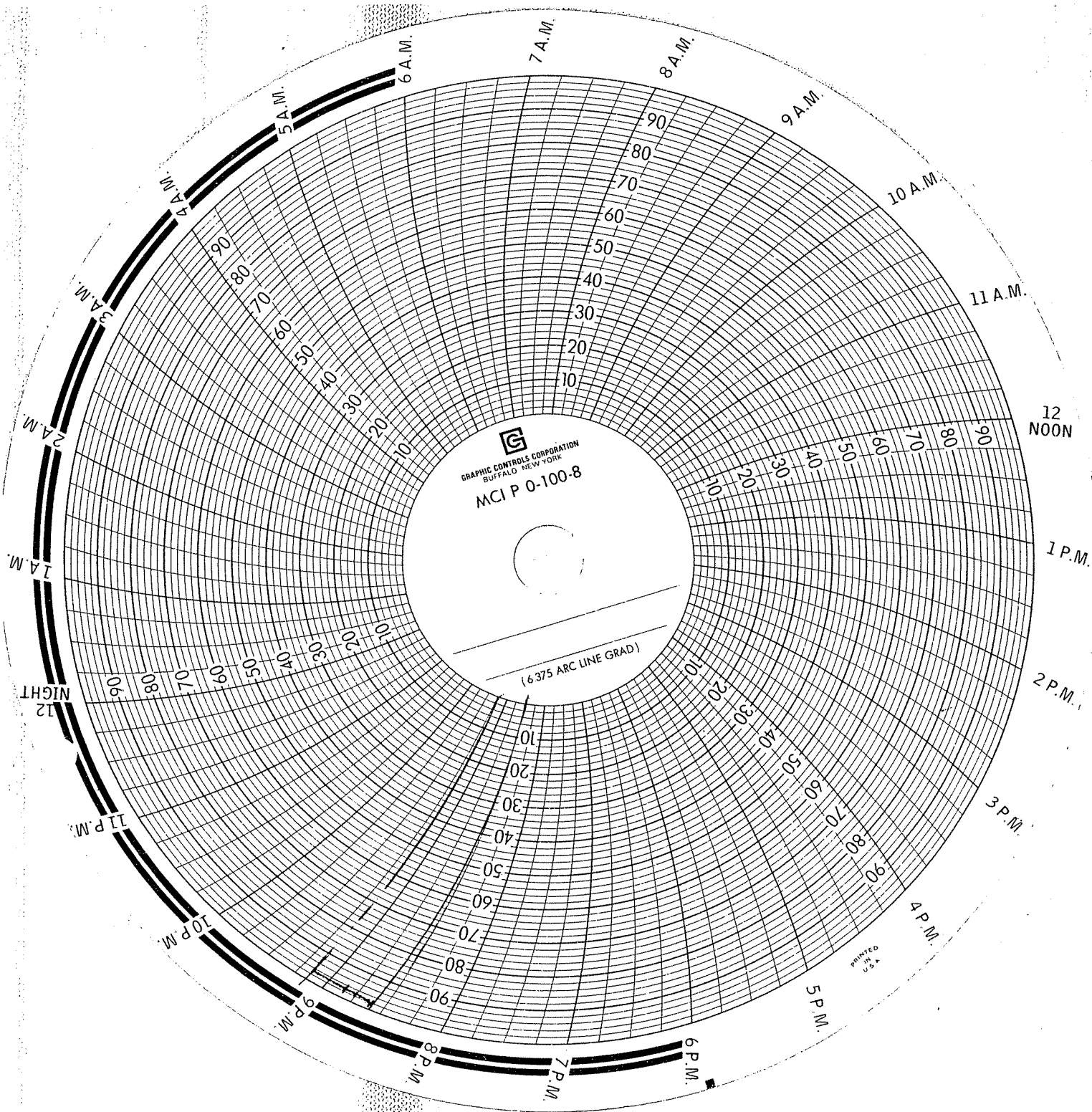
Module 294

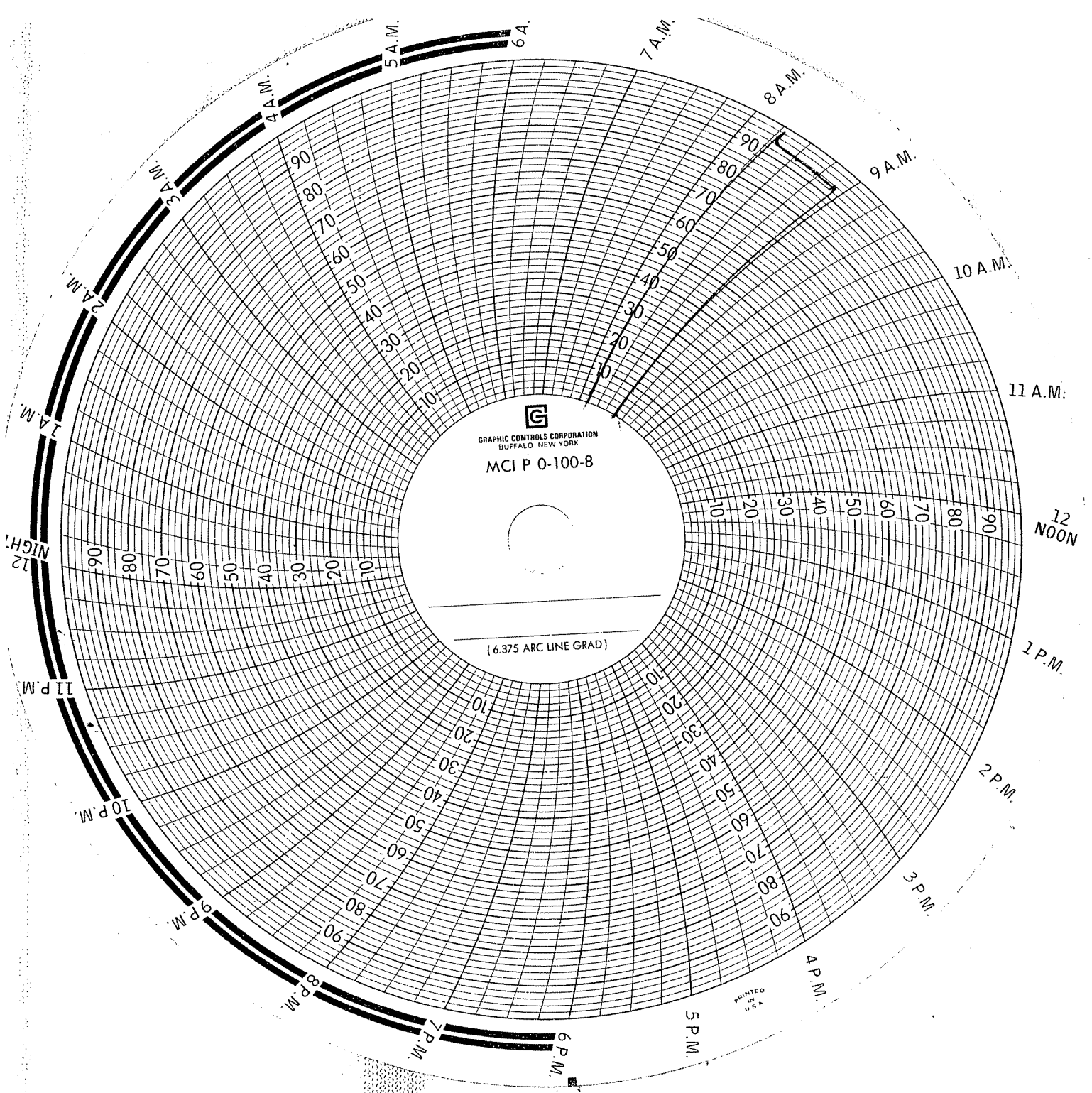


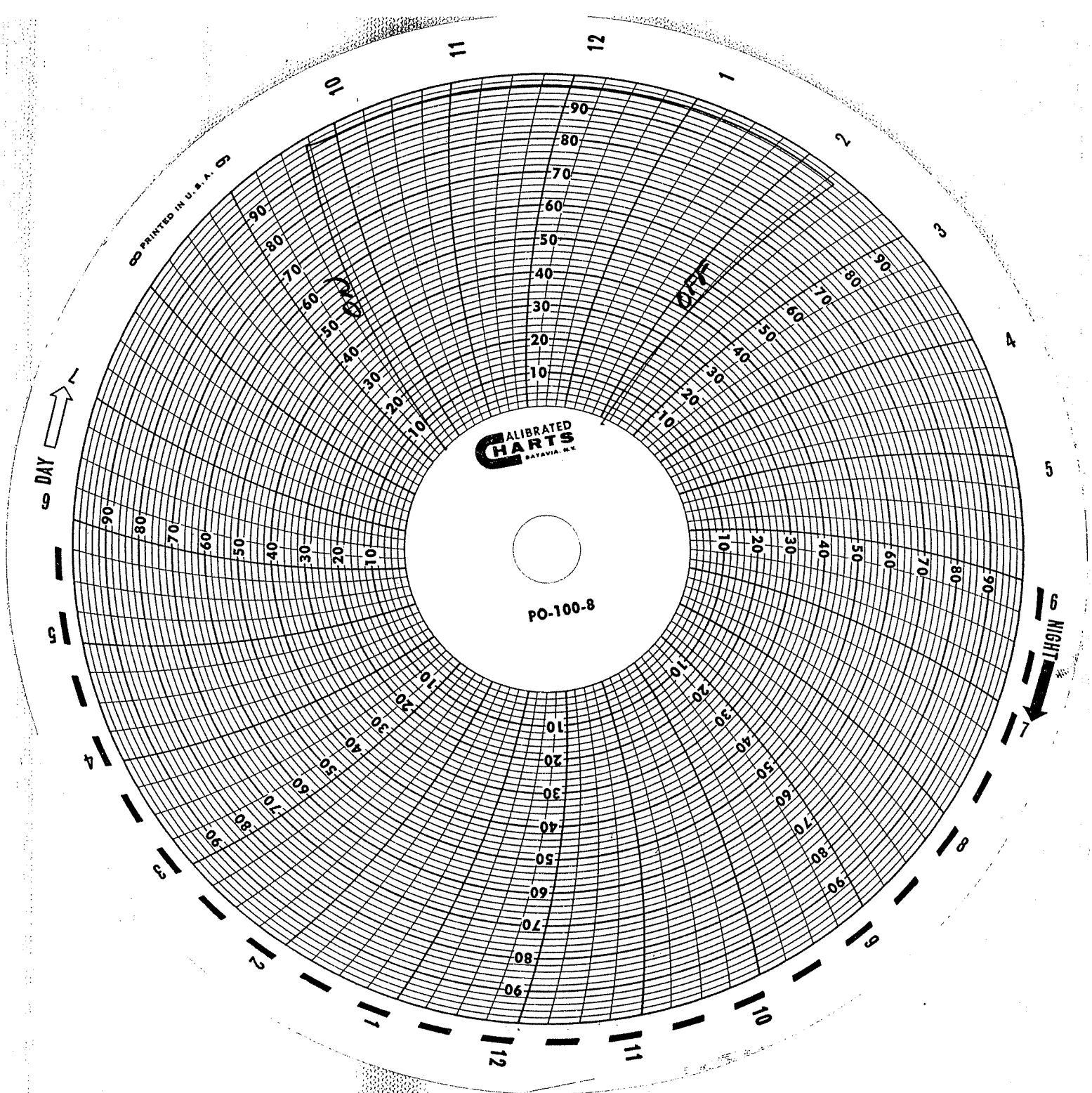




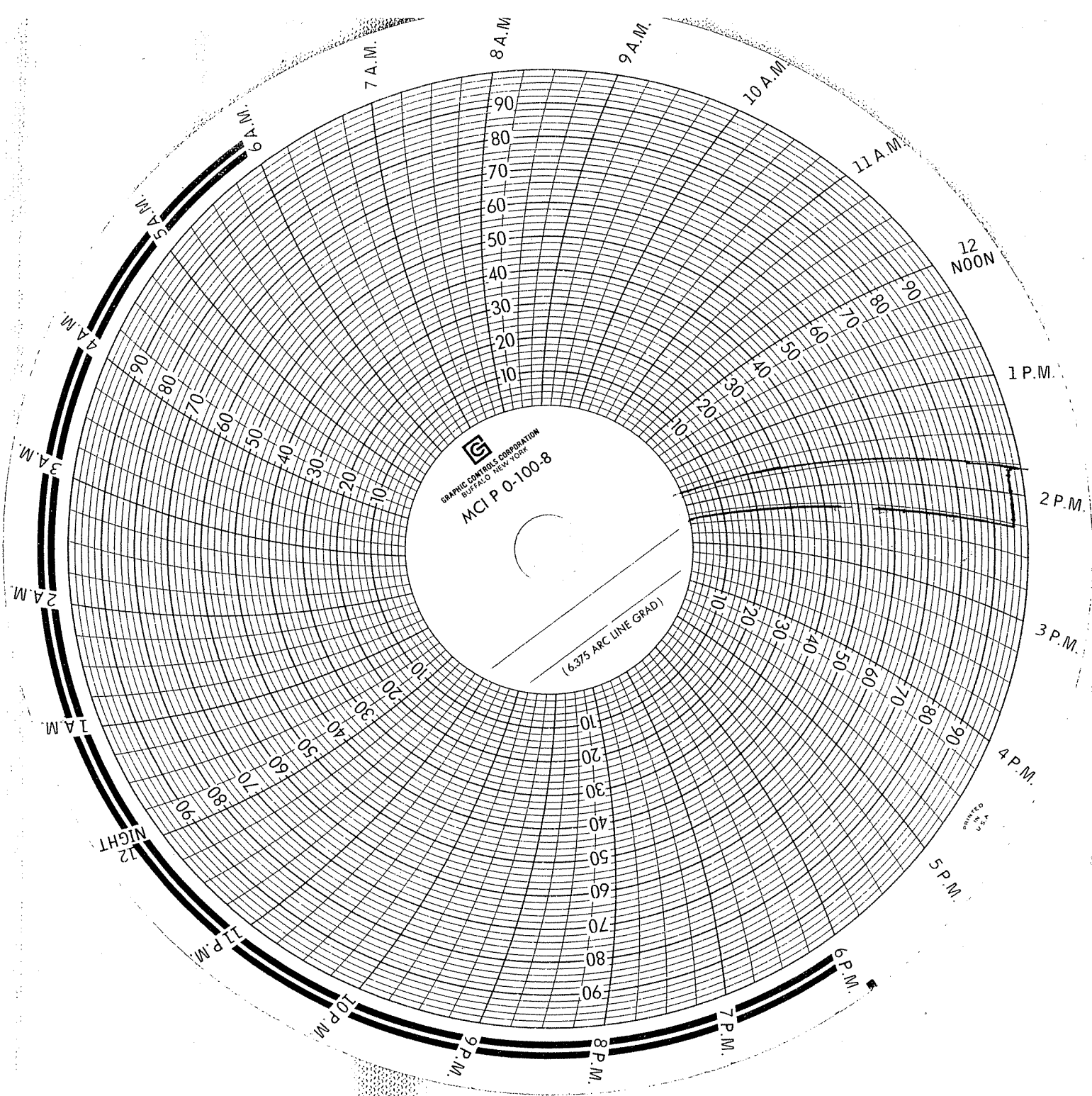








Module 244



DAY

PRINTED IN U.S.A.

CALIBRATED
CHARTS
BATAVIA, N.Y.

PO-100-8

NIGHT

Module 294

DAY ↑

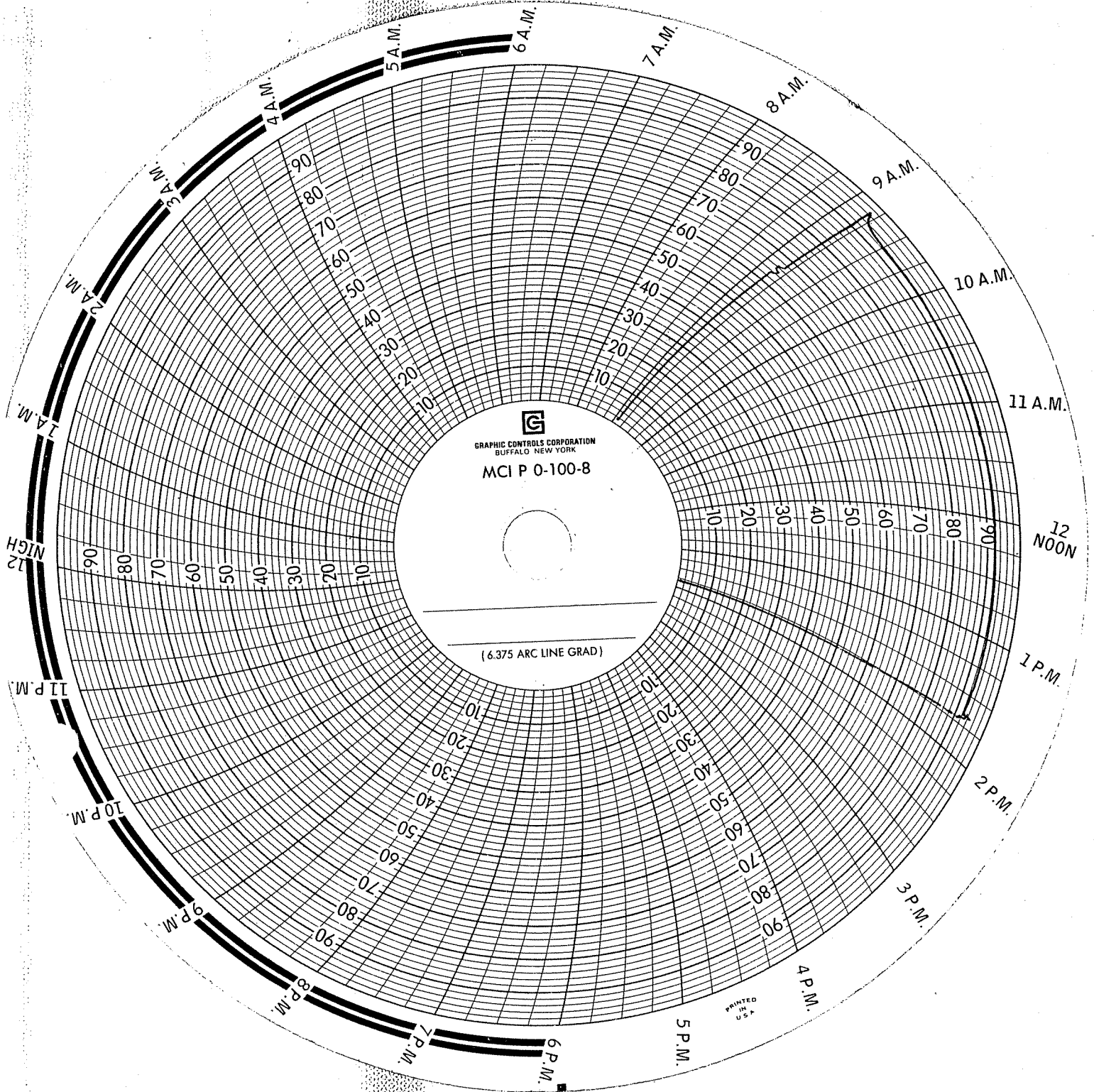
↓ NIGHT

PRINTED IN U.S.A.

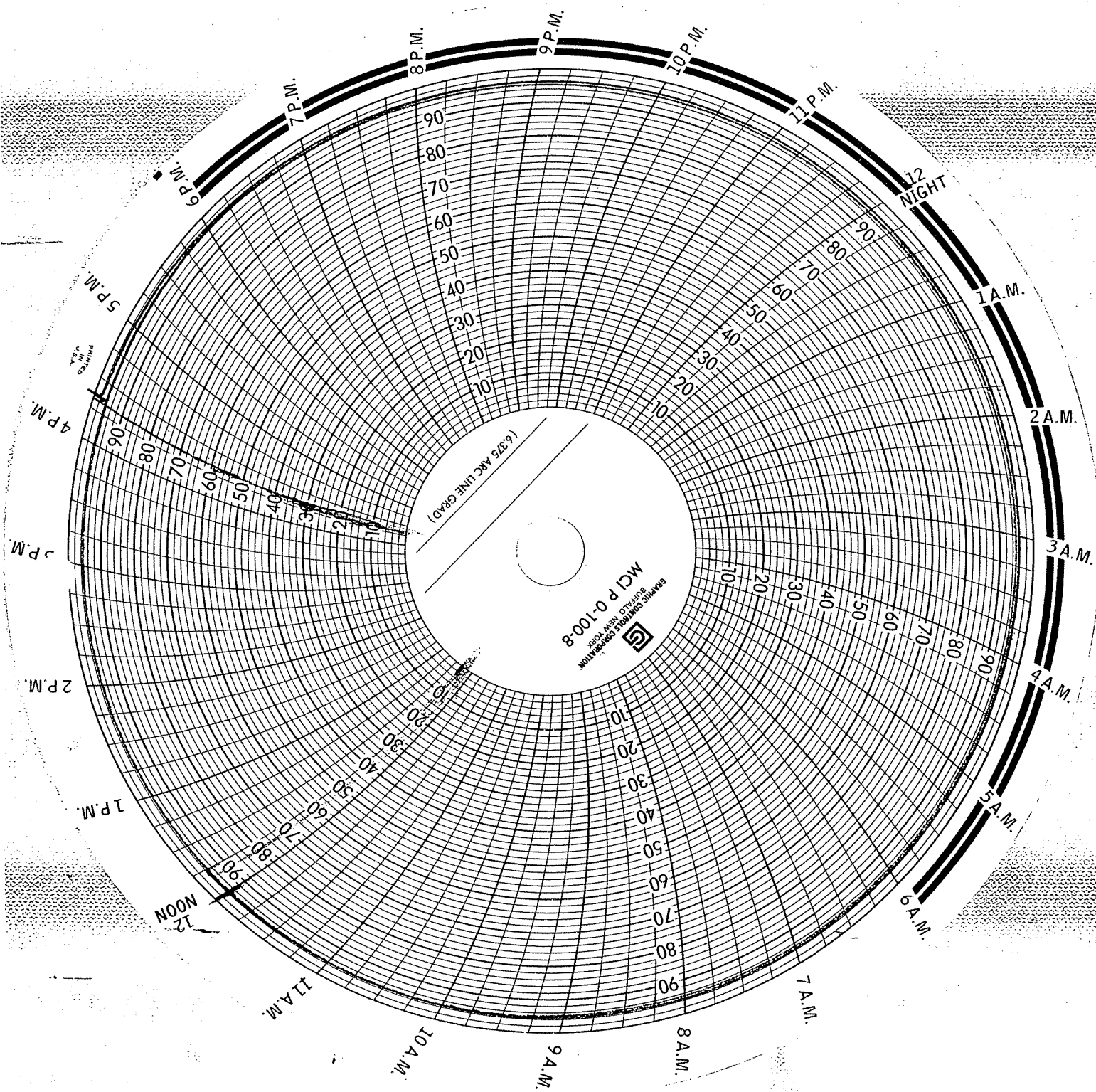
CALIBRATED
CHARTS
BATAVIA, N.Y.

PO-100-8

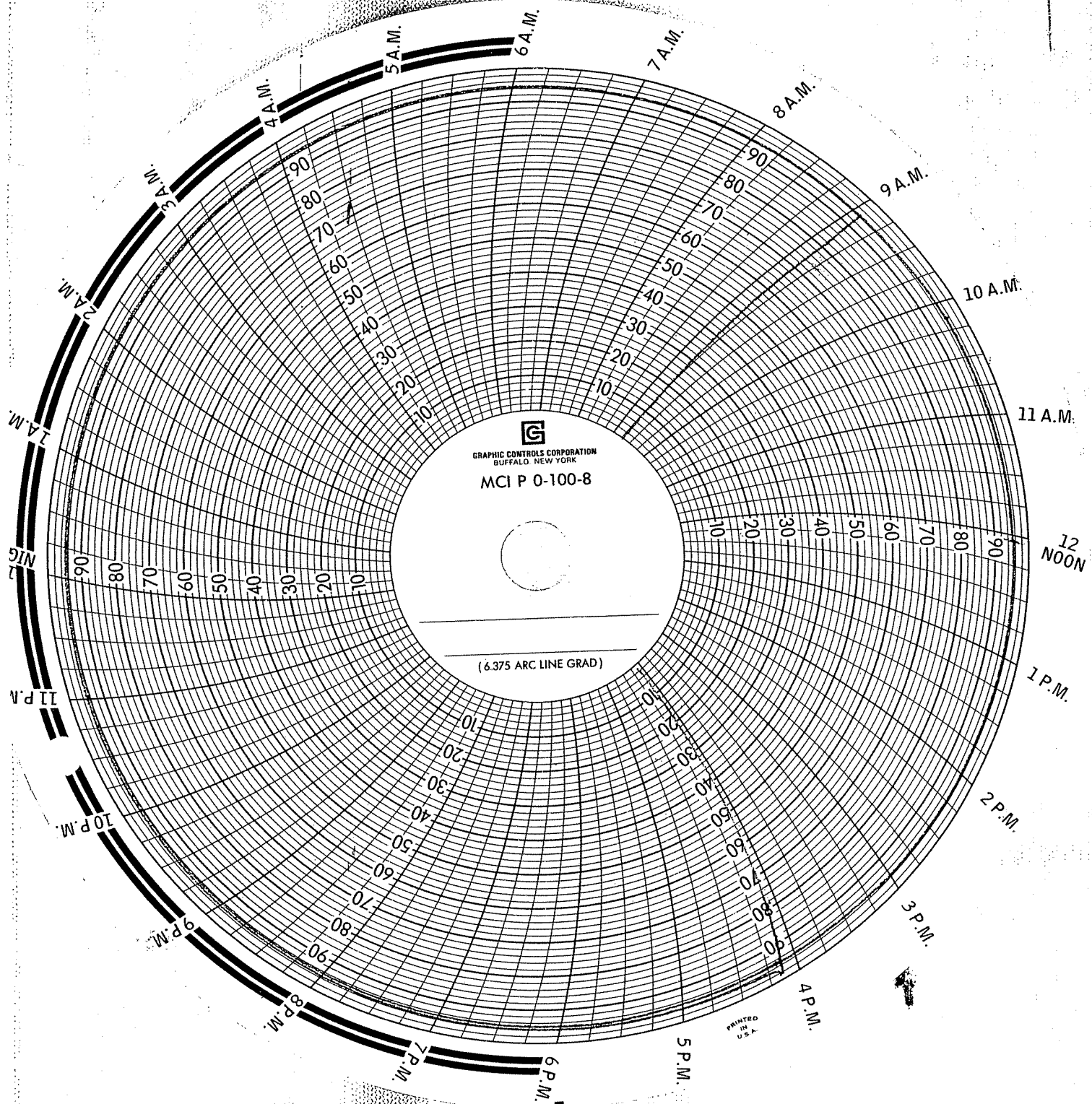
DEPT



Pressure Charts For Module 302

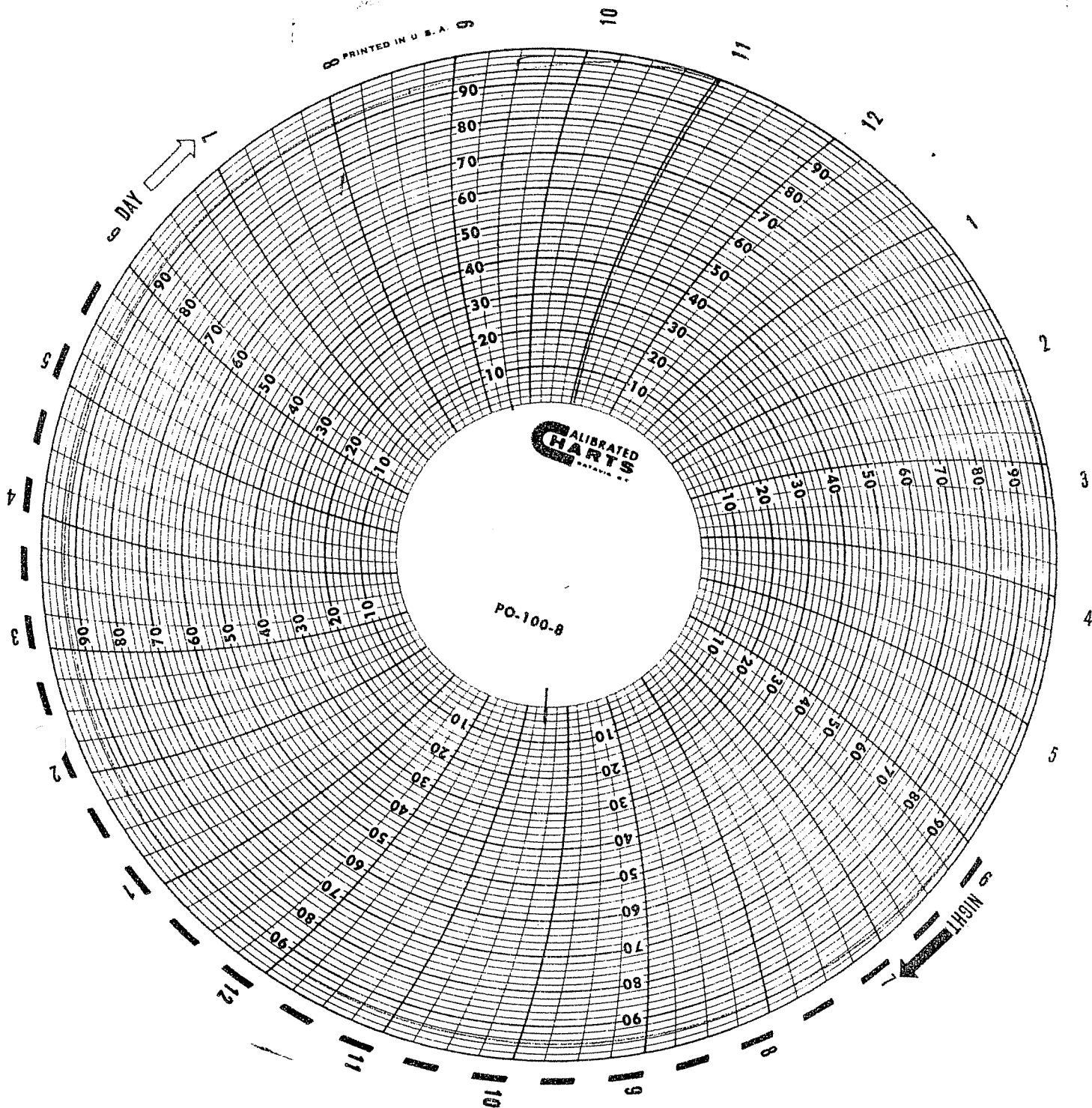


Module 302

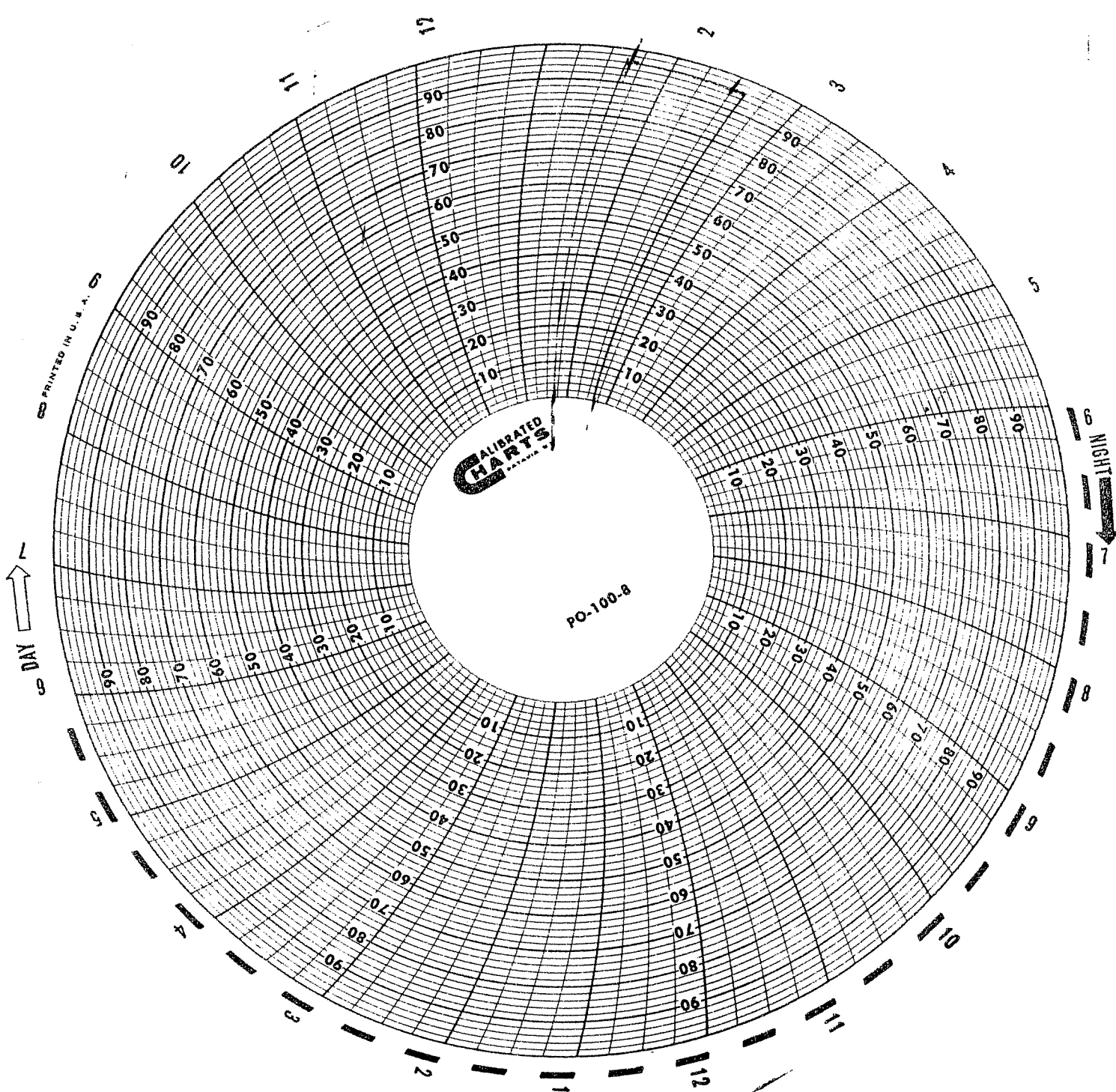


Modul 302

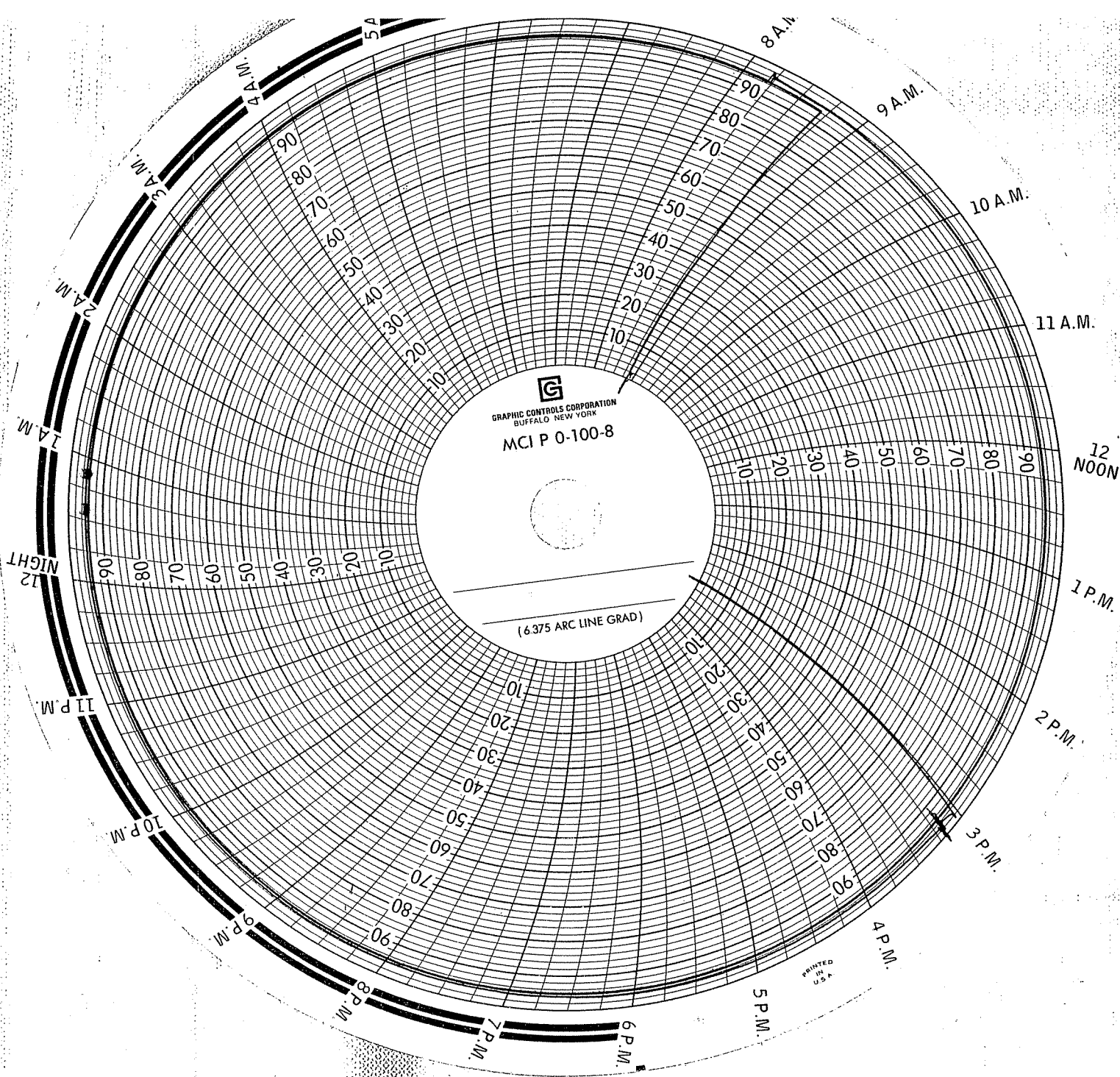
PRINTED IN U.S.A.



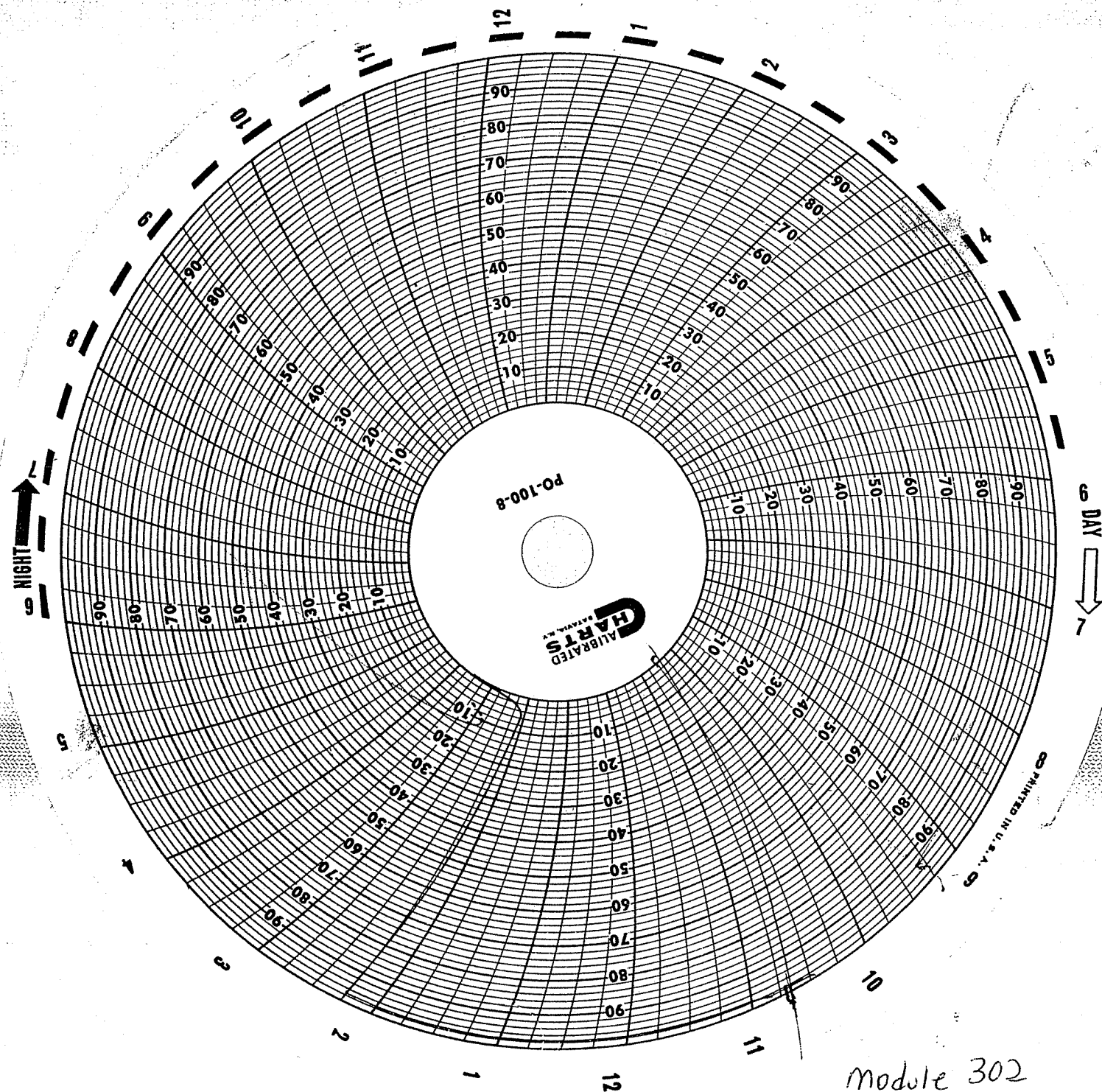
Module 302



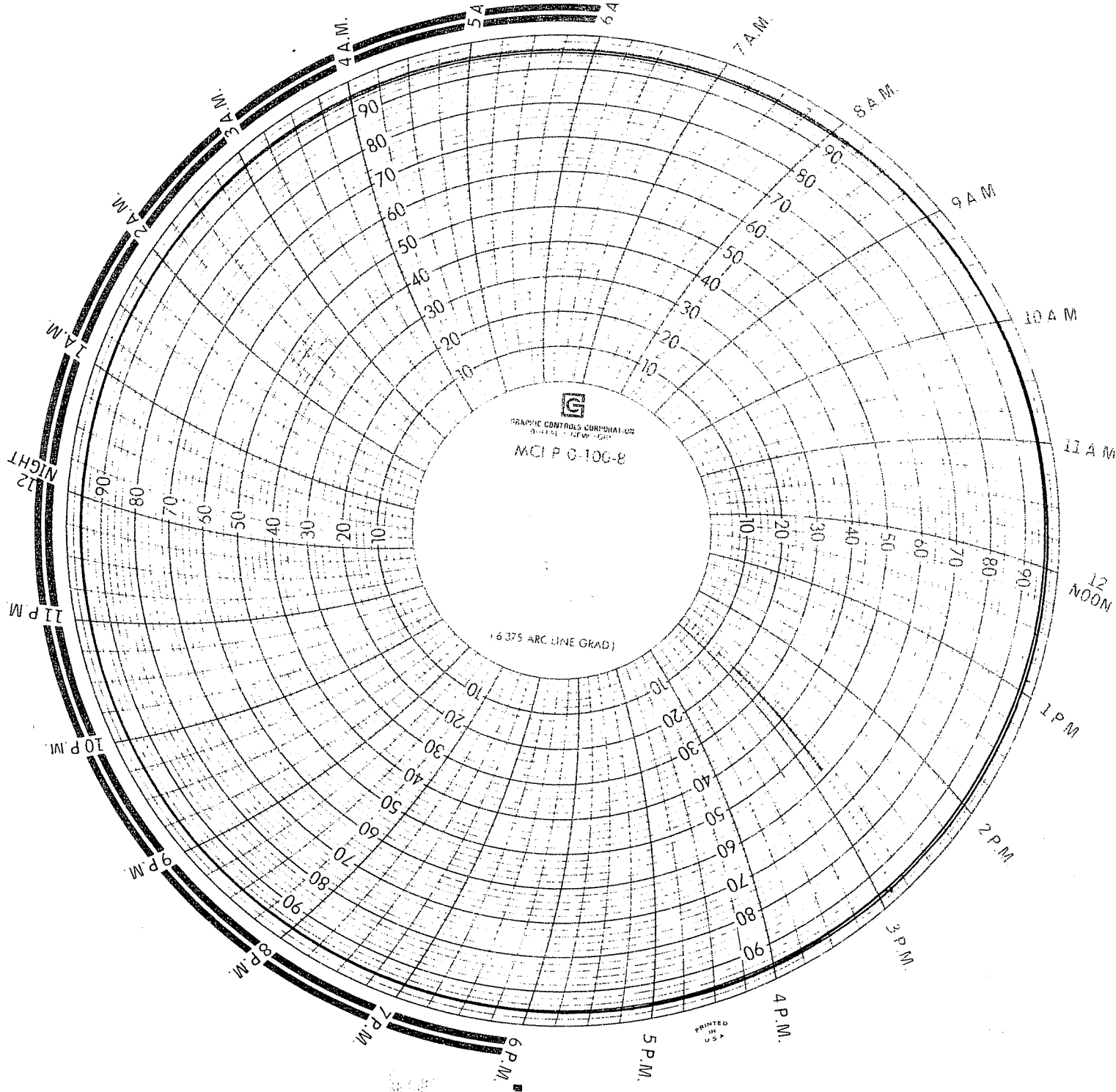
Module 302



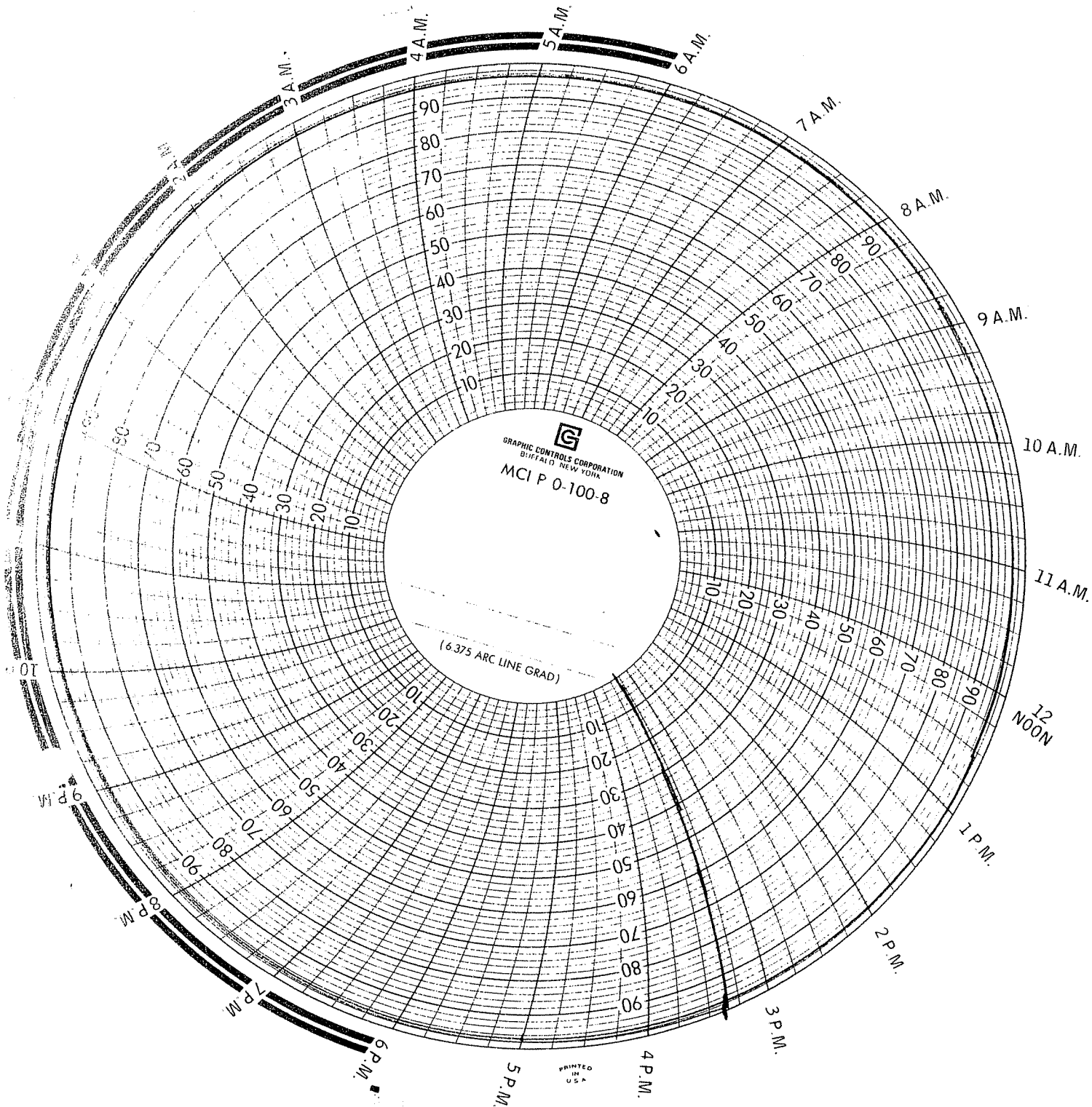
Module 302



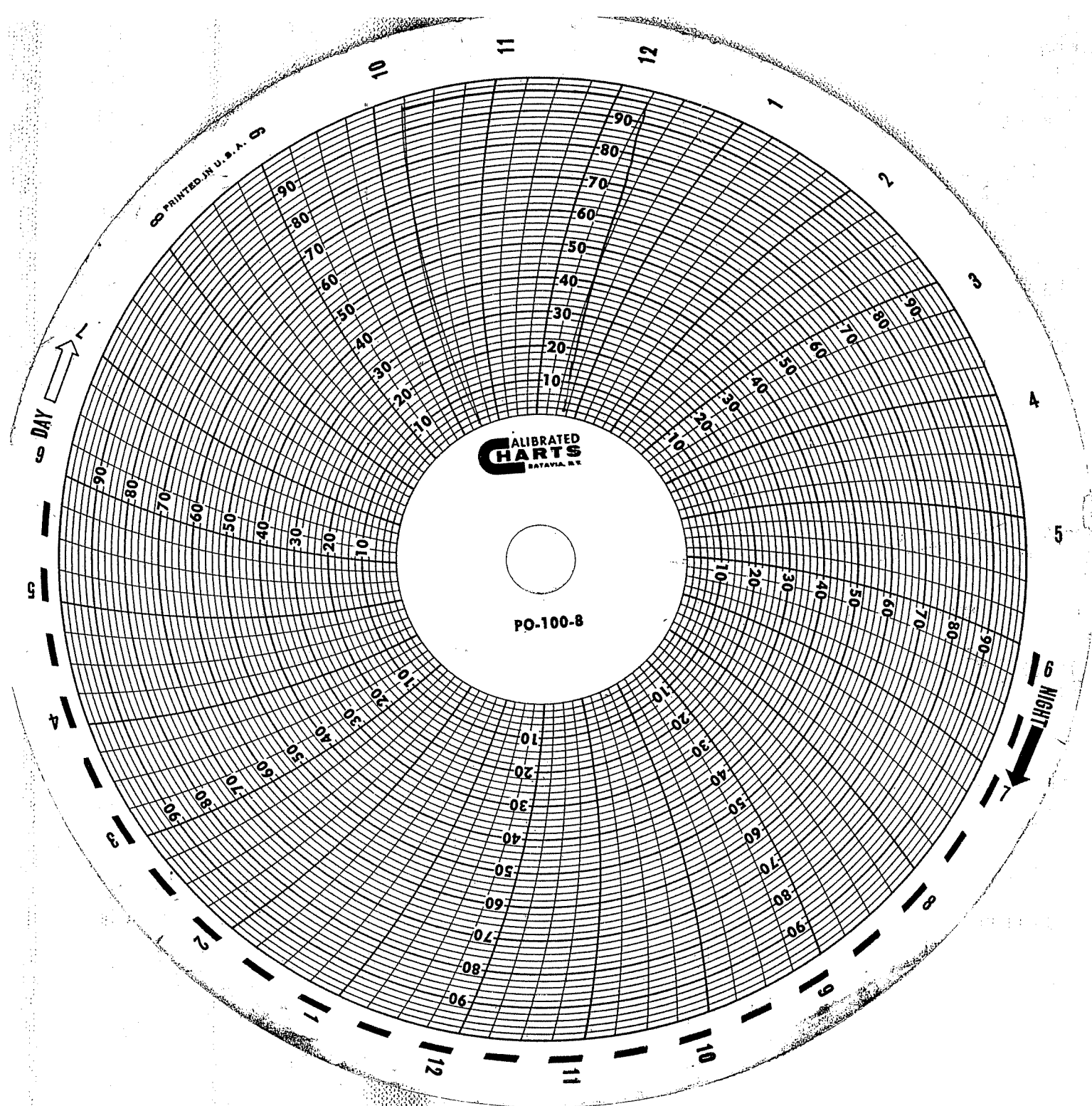
module 302



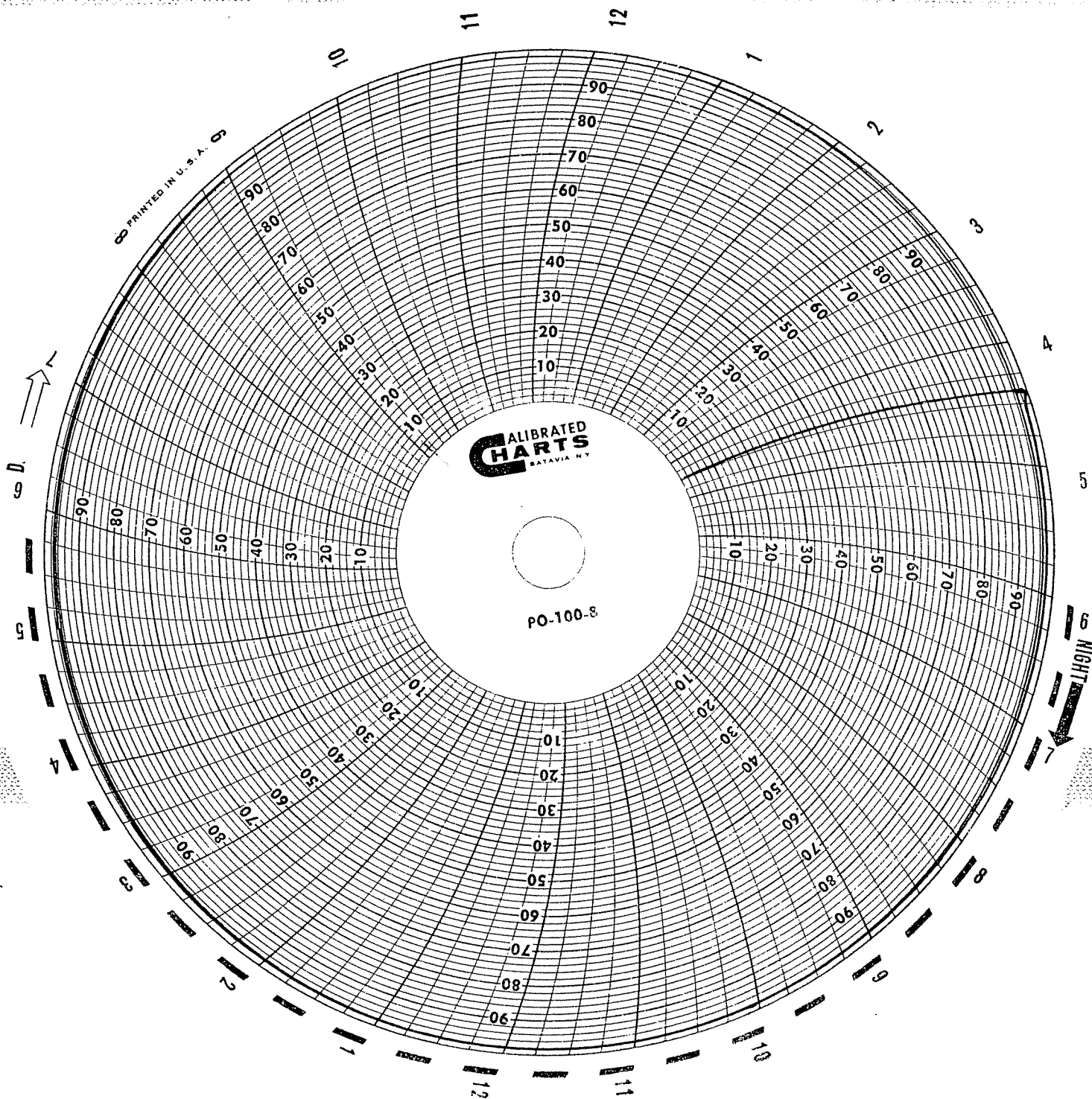
Module 302



Module 302

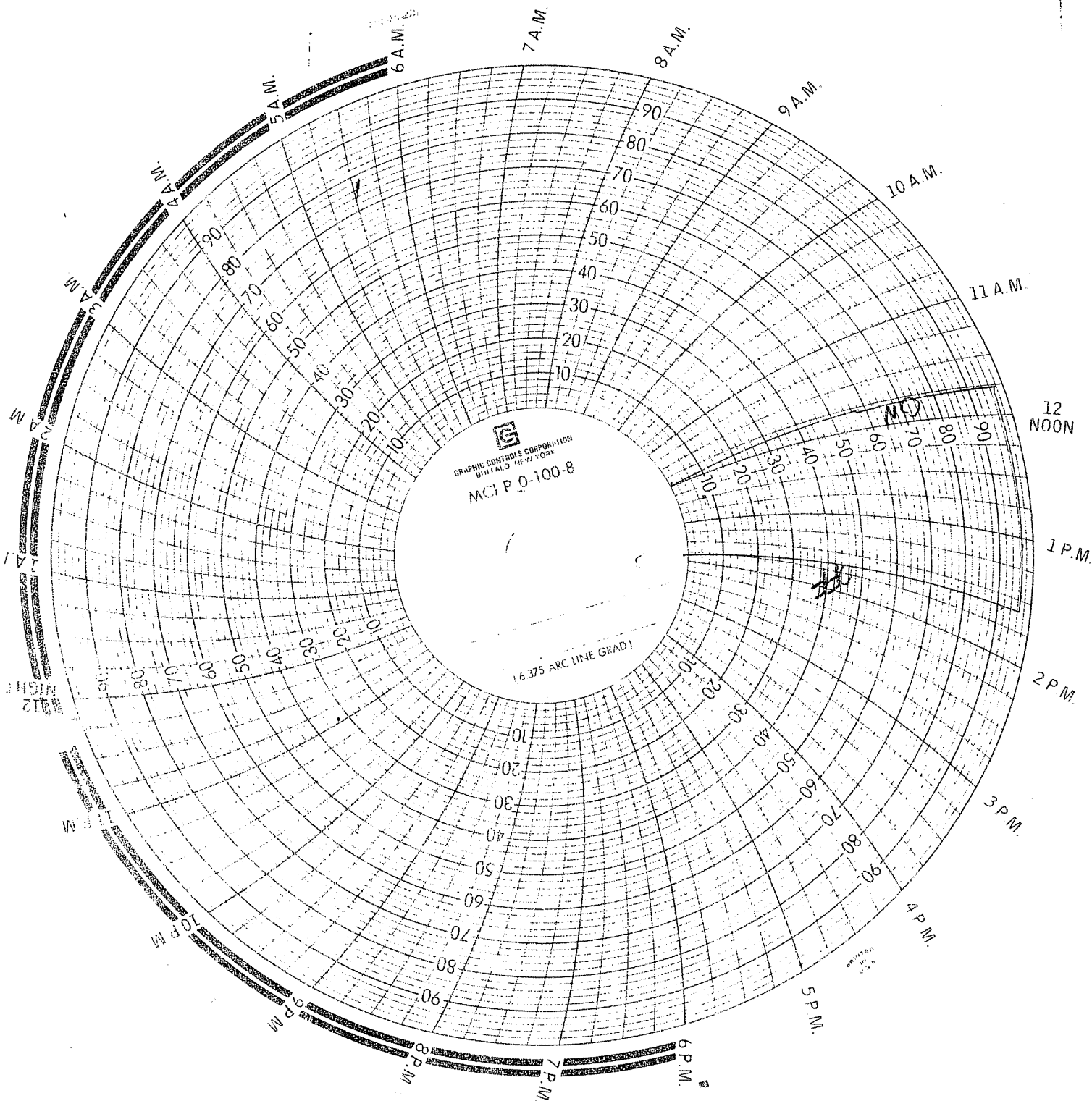


Module 302



Module 302

Pressure Charts For Module 304



Module 304

PRINTED IN U.S.A.

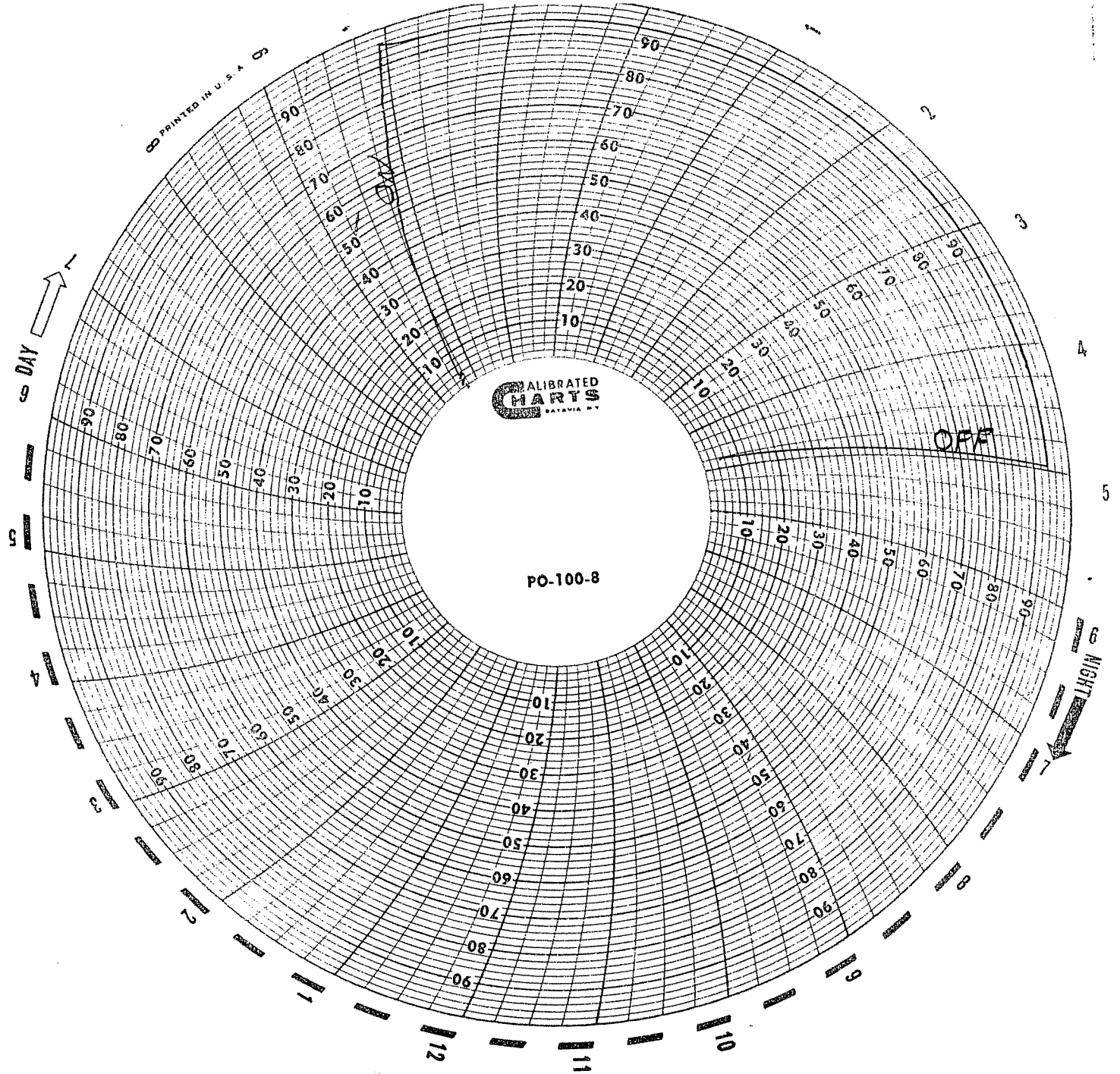
CALIBRATED
CHARTS
MATAMORA, N.Y.

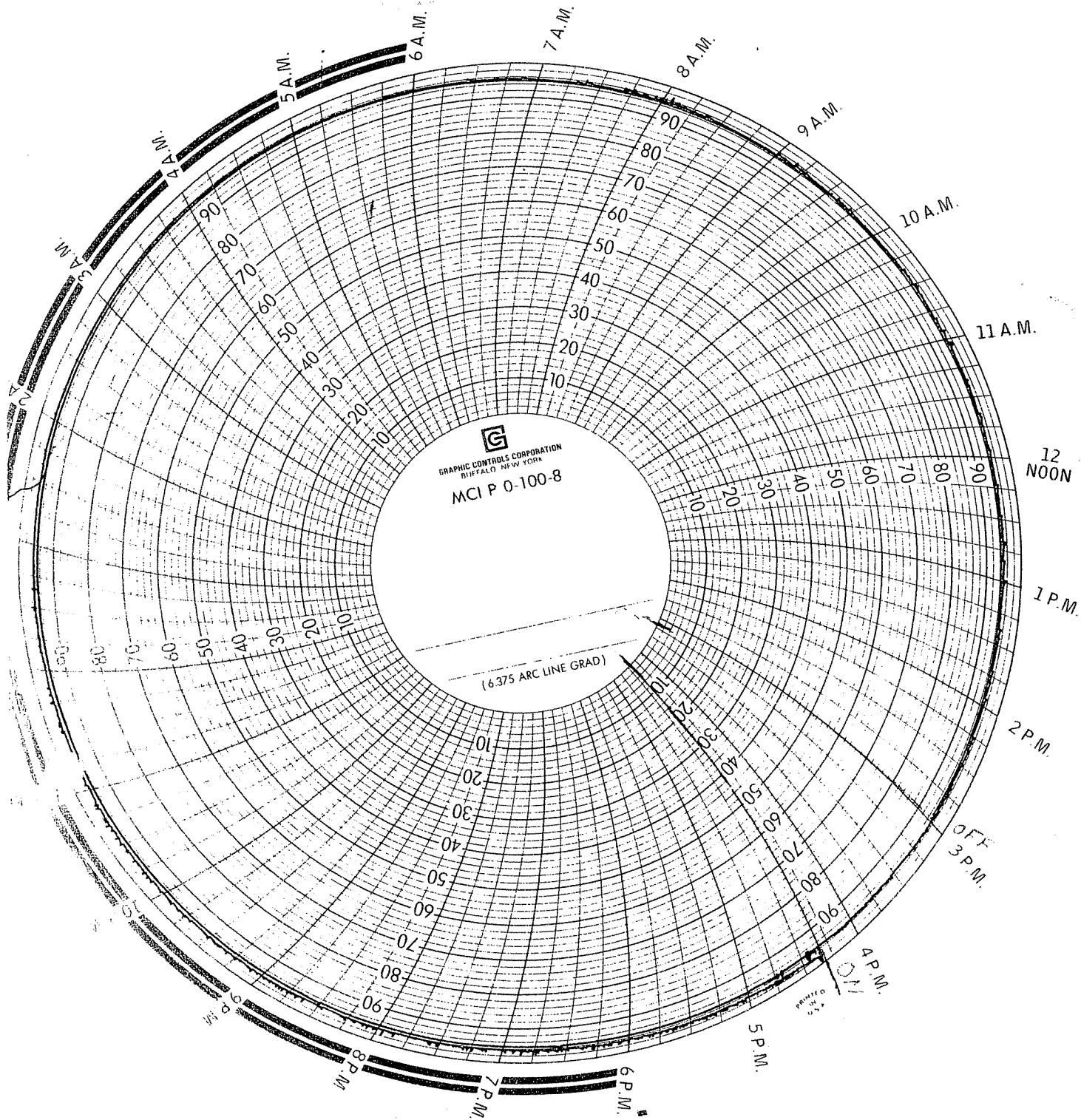
PO-100-8

OFF

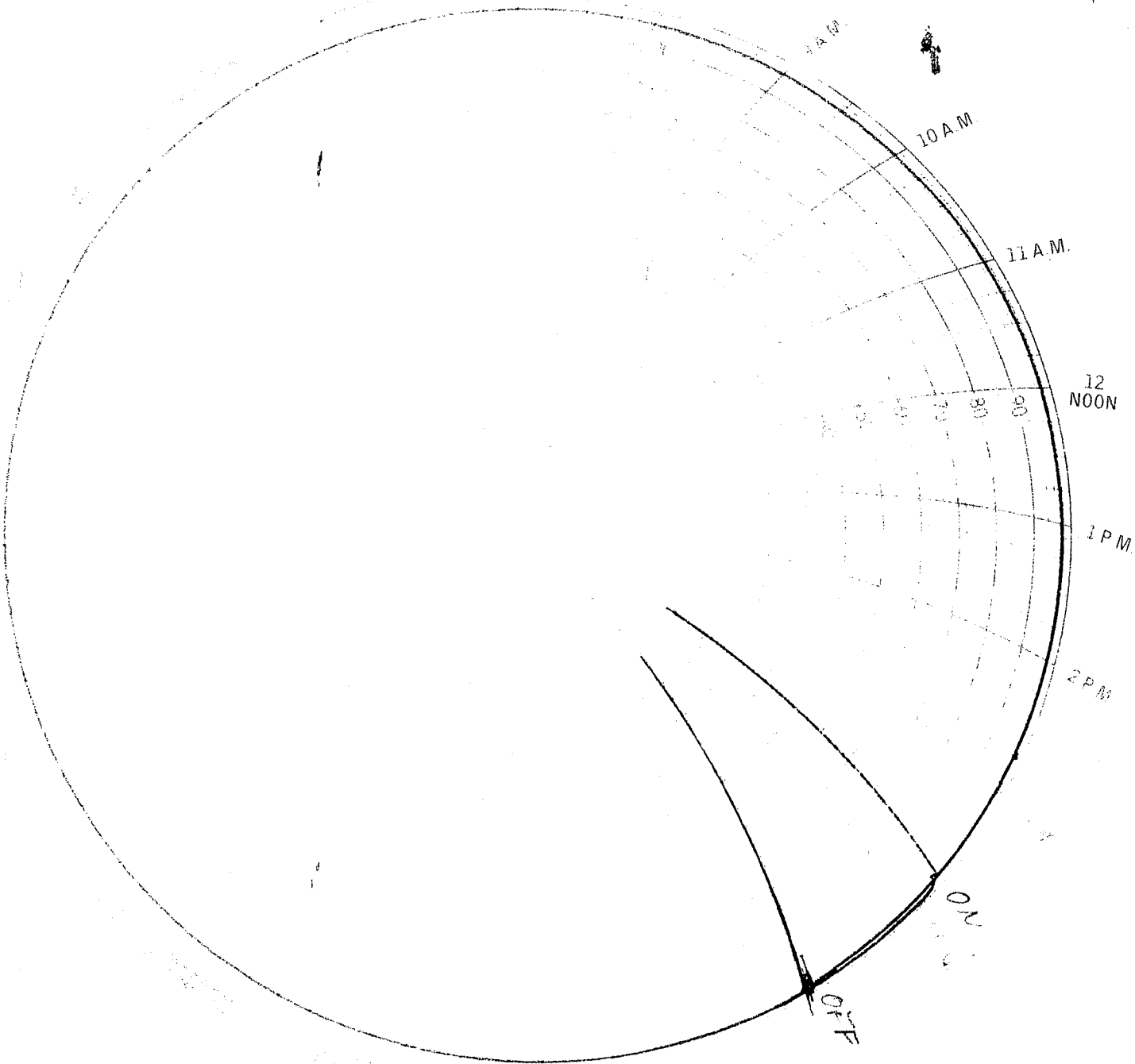
DAY

NIGHT

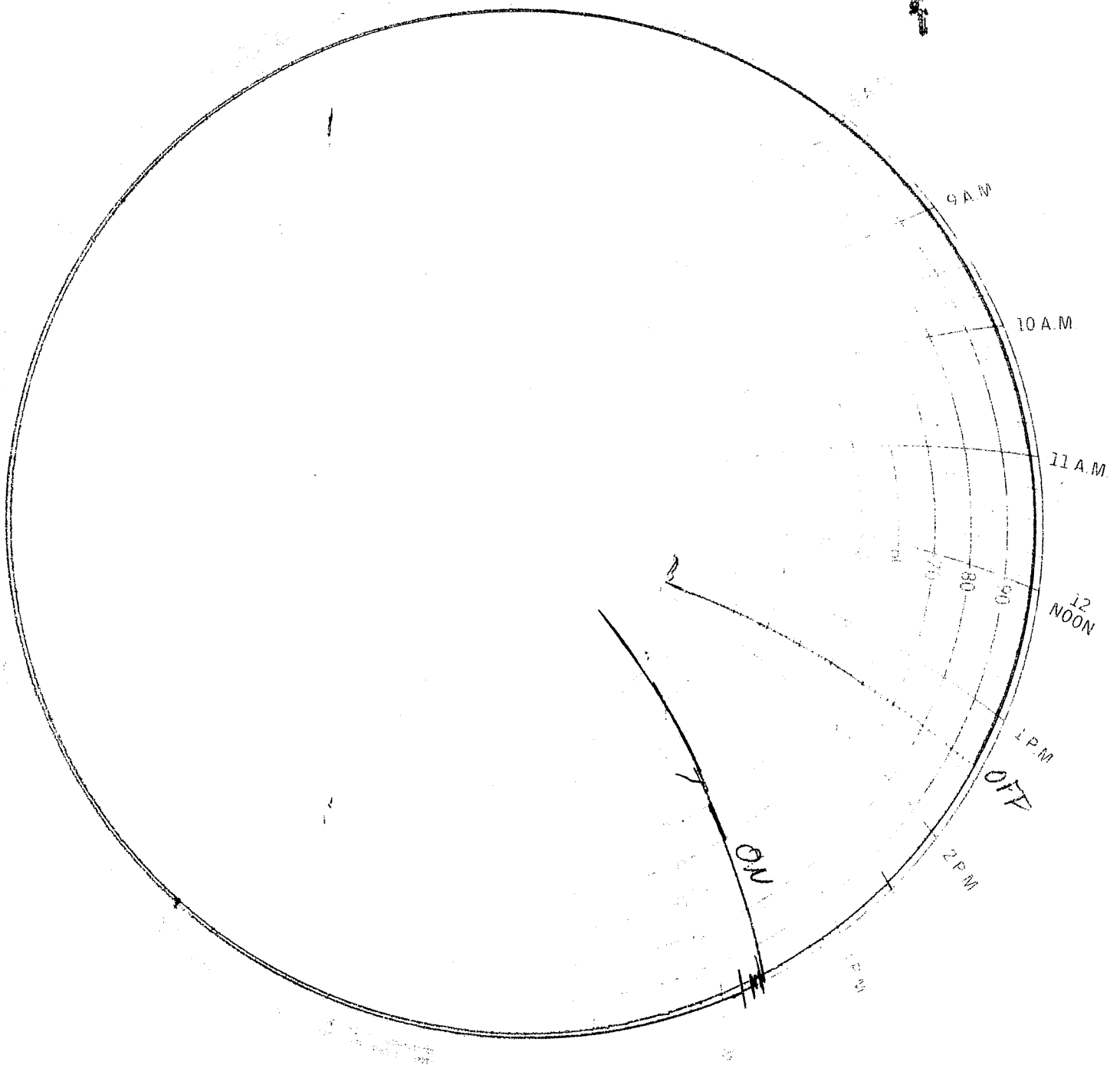




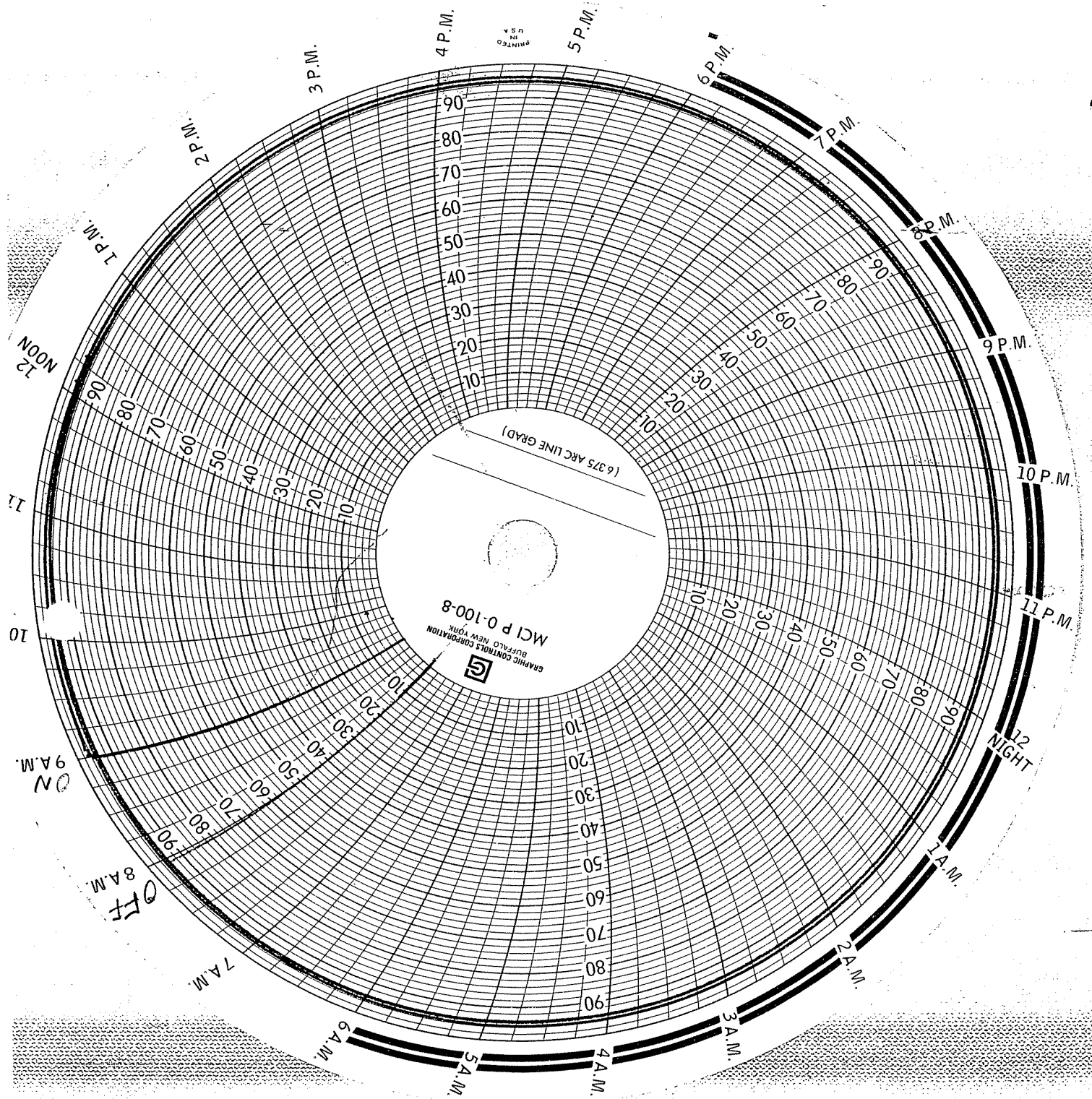
Mod 304



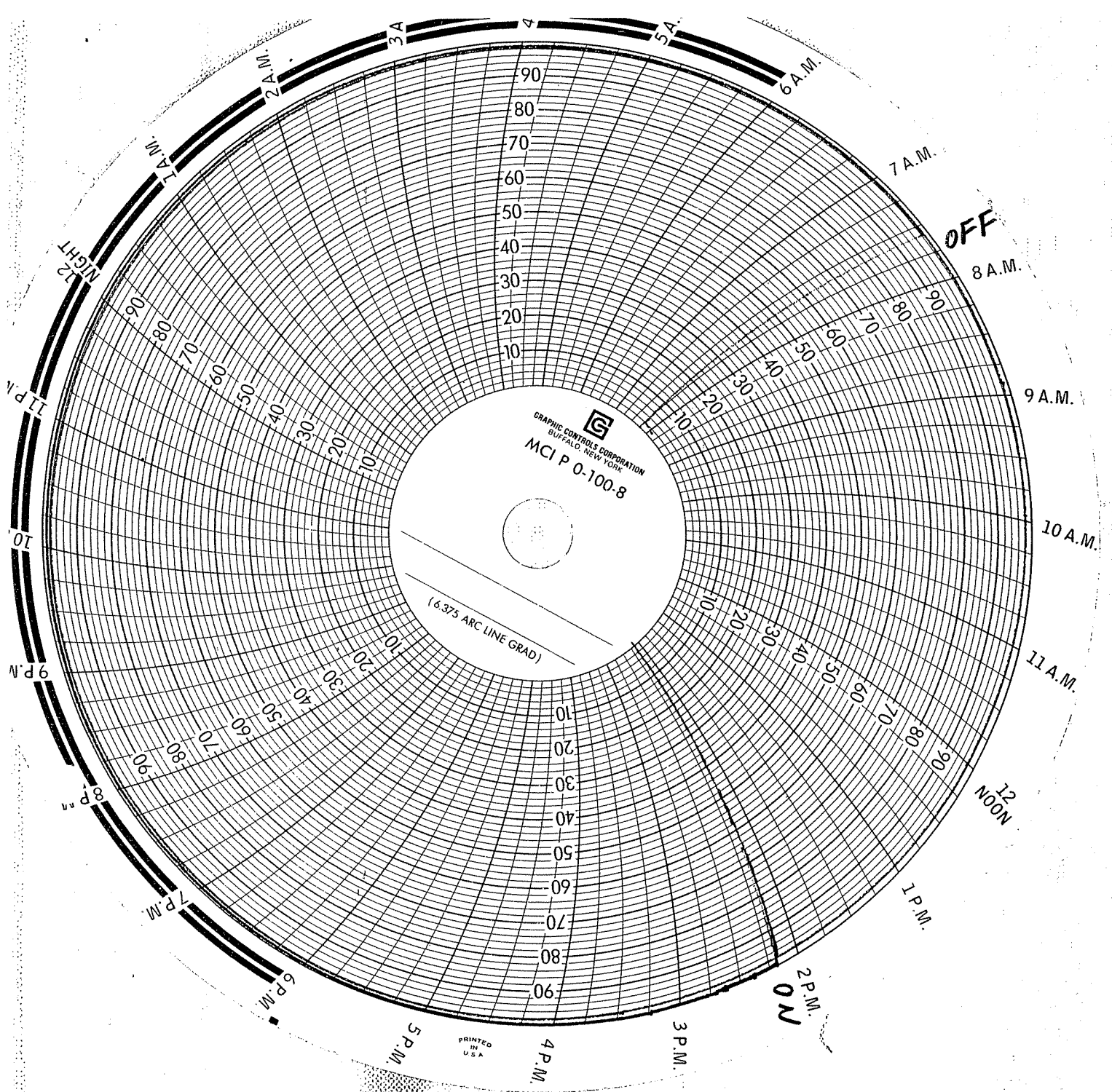
module 304



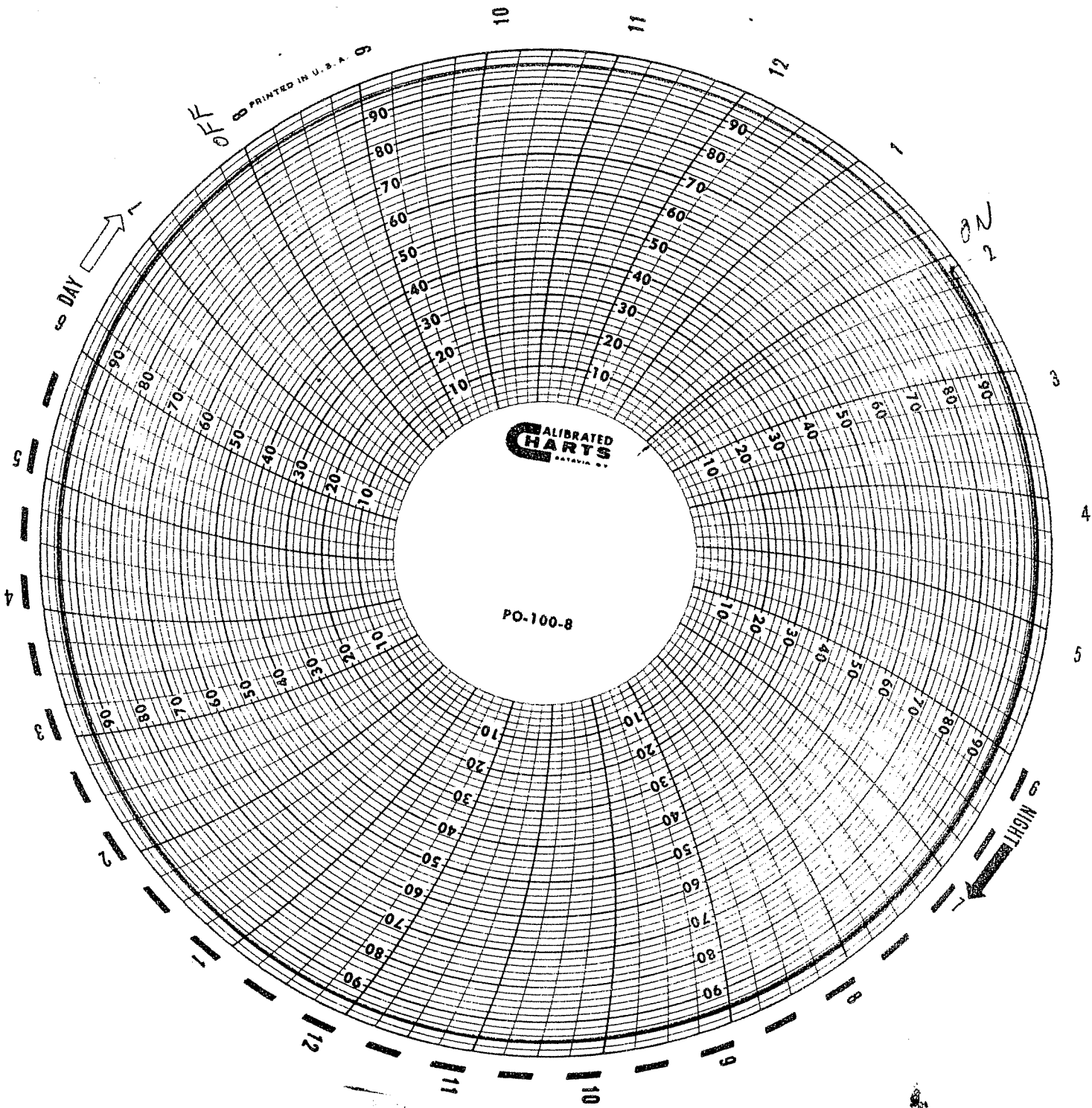
module 304



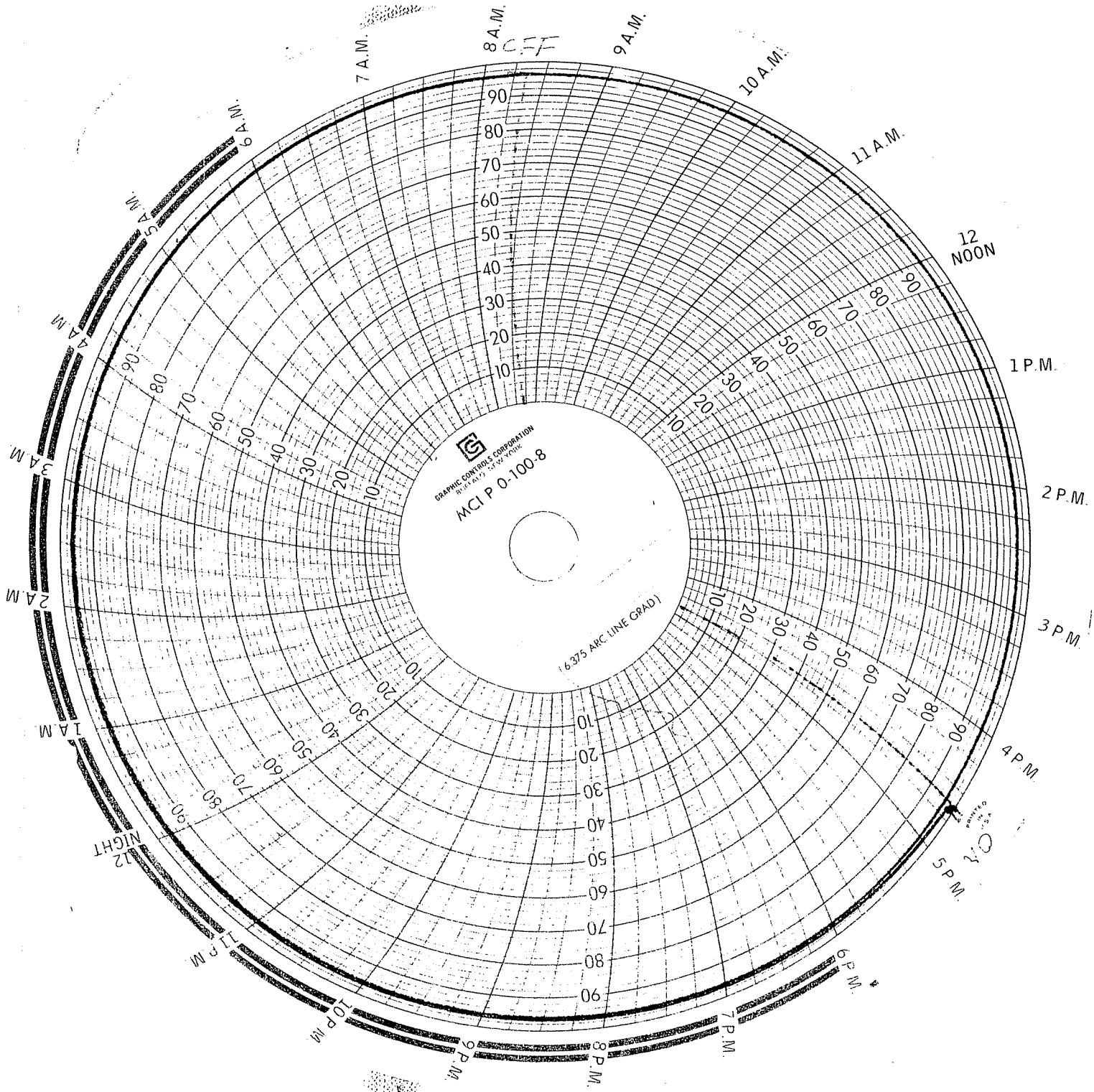
mod 304



Module 304



Module 304



Module 304

Pressure Charts For Projects Outside of Module Work

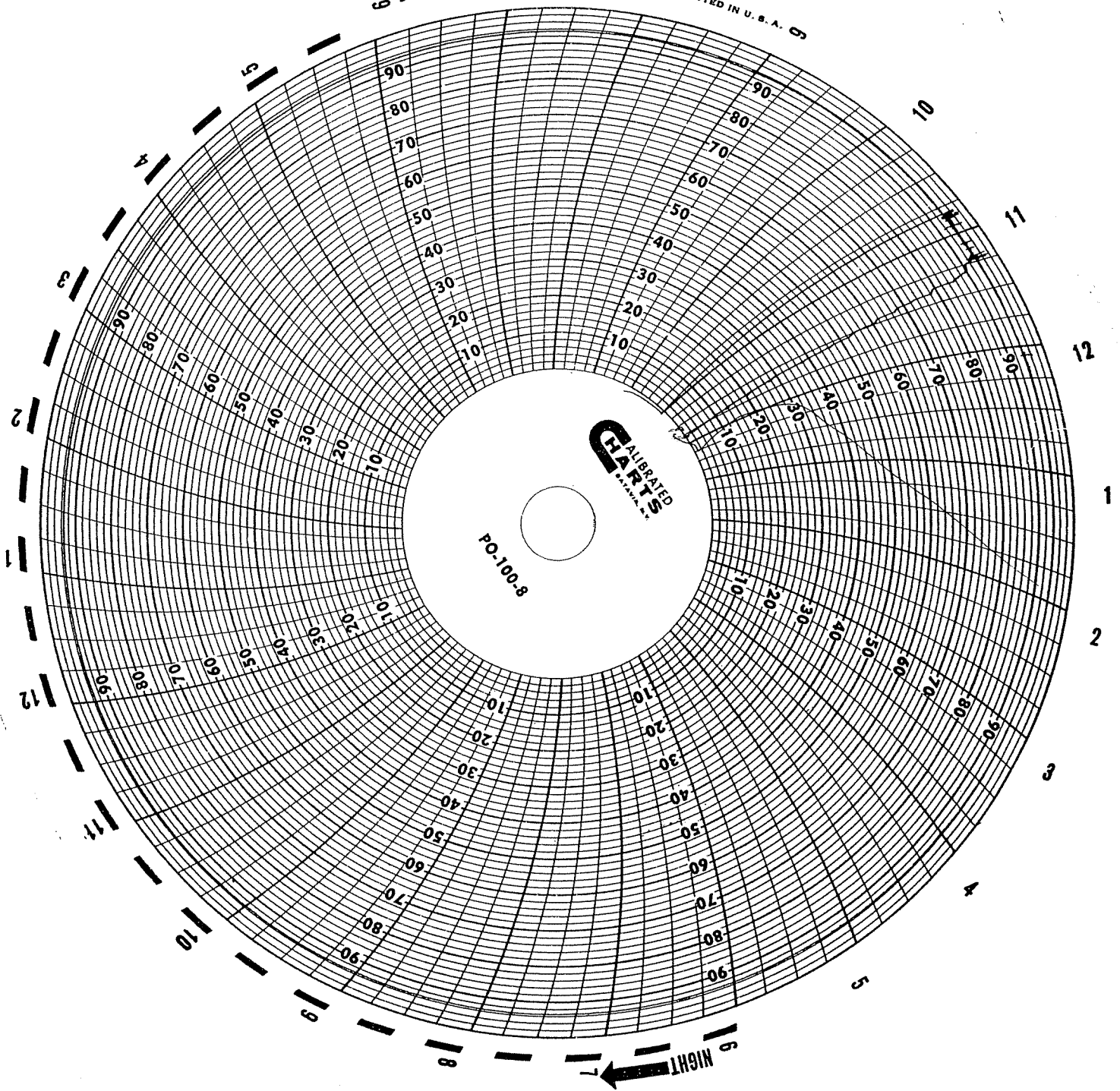
Fourth Quarter 2004

Pressure Chart For Southgate-Cov

Pressure Charts For Lynn St.

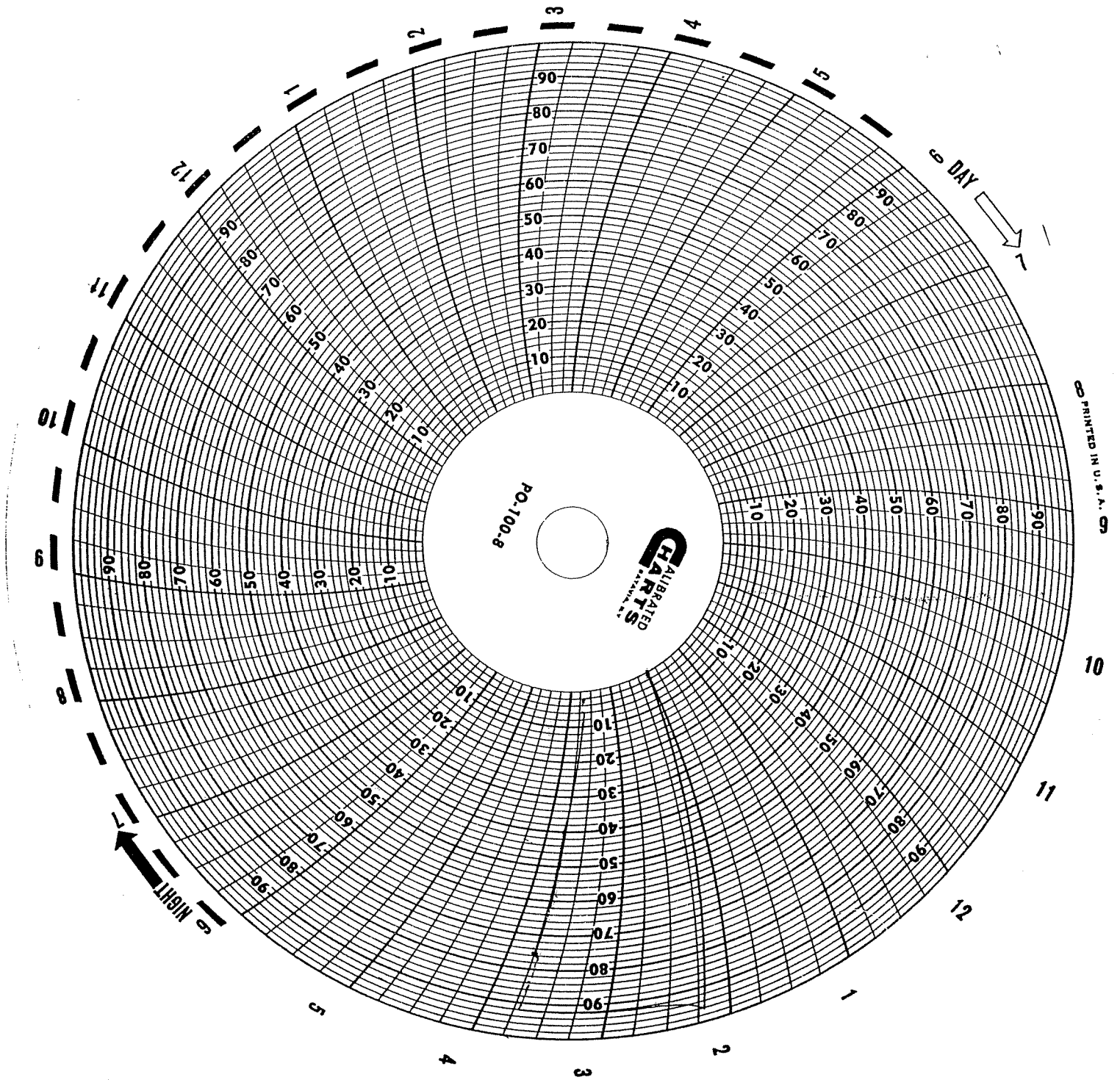
6 DAY →

PRINTED IN U. S. A.



← 6 NIGHT

Lynn St



Lynn St

Welding Certification

Fourth Quarter 2004

COMPANY AND CONTRACTOR WELDER TEST DATES 2003-2004

NAME	CERT. DATE	6 - MONTH RETEST	TYPE	TEST DATE	ID MARK	COMPANY
ADDISON, CHARLES	02/04/04	600 W. N. BEND	VISUAL	8/31/2004	CEA	MILLER
ADKINS, KEVIN	01/05/04	VALLEY VIEW	VISUAL	7/19/2004	E 7	CGE GAS
ANTON, MARK	08/26/04				M A	A M S
BANNISTER, JASON	11/26/03				J A B	BYRNES
COLLINS, LARRY	01/06/04	BARRETT RD	X-RAY	5/25/2004	C 5	CGE GAS
		JOHN HILL STATION	X-RAY	8/12/2004		
		720 ST RT 52	X-RAY	10/22/2004		
COOPER, RODNEY	04/02/04	AMELIA-OLIVE BRANCH	X-RAY	8/25/2004	S 6	BYRNES
EVANS, JASON	08/05/04				E J	O & M CONST.
HEASTON, SAMUEL	05/25/04				S S H	MILLER
HIPSHER, TED	07/21/04				T H	AMS
HUBER, DAVE	03/23/04				D H	C J HUGHES
JOHNSON, FRED	01/07/04	JOHN'S HILL STATION	X-RAY	8/12/2004	F J	CGE GAS
		720 ST RT 52	X-RAY	10/22/2004		

COMPANY AND CONTRACTOR WELDER TEST DATES 2003-2004

McCLOUD, LEE (HENRY)	07/27/04					L H M	HUGHES
MILBY, KENNETH	09/09/04					K M	C J HUGHES
PARNICKY III, STEPHEN J	04/20/04					S P	MUELLER
PLYES, KEVIN	12/02/03					K P	ENERGY INS
ROSS, JEFF	11/19/03					J R	HUGHES
SANCHEZ, BENNY	05/27/04	ST RT 48	X-RAY	7/8/2004	B S	BREWER	
STEELE, KENNETH	04/08/04	VALLEY VIEW	VISUAL	9/9/2004	K S	CGE GAS	
TAXIS, TOM	04/08/04				T T	GREAT W	
WILCOX, THOMAS	12/03/03	600 W N BEND	VISUAL	9/9/2004	T W	MILLER	
WYATT, RANDY	01/08/04	ST RT 747	X-RAY	5/25/2004	W R	BREWER	
		3939 ERIE	X-RAY	8/30/2004			

SECTION 3.3 API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
SS# 311-48-0695
Test No.: 4-05

Location: 2120 Dana Avenue		Date: 2/04/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor: MILLER	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 2/04/04	Location: OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder: CHARLES ADDISON		MARK: CEA	
Welding Time: 1 1/2 HR.		Time of Day: 8:00AM	M. Temperature: 70 F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement: 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .219	Dia. O.D. 12-3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.000					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.219	.219					
M. Load:	16500	16500					
Tensile S/in. Plate Area:	75342	75342					
Fracture Location:	BM	BM					

0 Procedure	X Qualifying Test	X Qualified
X Welder	0 Line Test	0 Disqualified

Max. Tensile: 75342	Min. Tensile: 75342	Avg. Tensile: 75342
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3.
4 SATISFACTORY, FRACTURE BASE METAL	4. FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12" Run: 12" Position: BOTTOM X SIDE

Tested At: 2120 Dana Avenue Date: 2/04/04
 Tested By: Cincinnati Gas & Electric Supervised By: CARL GOYETTE
 Certified By: *Carl Goyette*
 Title: Welding Supervisor
 Date: 2/04/04

SECTION 3.3 API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
SS# 401-86-9893
Test No.: 4-01

Location: 2120 Dana Avenue		Date: 1/05/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor	
Schedule: N/A	Gang: N/A	Inspector: N/A	
Date: 1/05/04	Location: OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder KEVIN ADKINS		MARK E-7	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature	70 F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: MILLER		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall-Thickness: .219	Dia. O.D.: 12-3/4	Wt./Ft.: 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.000					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.262	.219					
num Load:	17000	16000					
Tensile S/in. Plate Area:	64885	73059					
Fracture Location:	BM	BM					

0 Procedure	X Qualifying Test	X Qualified
X Welder	0 Line Test	0 Disqualified

Max. Tensile: 73059	Min. Tensile: 64885	Avg. Tensile 68972
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4. FACE NA	4.

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"	Run: 12"	Position: BOTTOM	X	SIDE
----------------------------	----------	------------------	---	------

Made At: 2120 Dana Avenue	Date: 1/05/04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE
Certified By: <i>Carl Goyette</i>	
Title: Welding Supervisor	
Date: 1/05/04	

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
 SS# 275-58-5506
 Test No.: 4-22

Location: 670 W. NORTH BEND RD		Date: 8/26/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor A M S	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 8/26/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder MARK ANTON		MARK M A	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .250	Dia. O.D. 12-3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.000					
Dimension of Plate:	.250	.250					
Orig. Area of Plate in 2:	.250	.250					
Tensile Load:	19000	19000					
Tensile S/in. Plate Area:	76000	76000					
Fracture Location:	BM	BM					

<input type="checkbox"/> 0 Procedure <input checked="" type="checkbox"/> X Welder	<input checked="" type="checkbox"/> X Qualifying Test <input type="checkbox"/> 0 Line Test	<input checked="" type="checkbox"/> X Qualified <input type="checkbox"/> 0 Disqualified
--	---	--

Max. Tensile: 76000	Min. Tensile: 76000	Avg. Tensile 7600
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
	1. FACE SATISFACTORY	
	2. FACE SATISFACTORY	

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"	Run: 12"	Position: BOTTOM	X	SIDE
----------------------------	----------	------------------	---	------

Tested At: 670 W. NORTH BEND		Date: 8/26/04
Tested By: Cincinnati Gas & Electric		Supervised By: CARL GOYETTE
Certified By: <i>Carl Goyette</i>	Certified under API 1104 Section 6.3 19 TH Edition	
Title: Welding Supervisor		
Date: 8/26/04		

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 256-65-0414

Test No.:4-25

Location: 670 W. NORTH BEND RD				Date: 12/02/04			
Contractor: Cincinnati Gas & Electric				Sub-contractor: BYRNES			
Schedule: N/A		Gang: N/A		Inspector: N/A			
Date: 12/02/04		Location- OHIO		Roll Weld: N/A		Fixed Position Weld: 5G	
Welder JASON BANNISTER				MARK J A B			
Welding Time: 1 1/2 HR.		Time of Day: 8:00AM		M. Temperature 70		F.	
Weather Condition: Inside Building							
Wind Break Used: N/A		Voltage: 21		Amperage: 120/190			
Make of Welding Machine: LINCOLN				Size: 200			
Brand of Electrode: LINCOLN							
Size of Reinforcement 1/8 - 5/32							
Pipe Mfr: LTV				Kind: API GRB 5L			
Wall Thickness: .250		Dia. O.D. 12 3/4		Wt./Ft. 29.31		Joint Length: Nipple	

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.100					
Dimension of Plate:	.250	.250					
Orig. Area of Plate in 2:	.300	.275					
num Load:	20500	19500					
Tensile S/in. Plate Area:	68333	70909					
Fracture Location:	BM	BM	BM	BM			

X Procedure Welder	X Qualifying Test 0 Line Test	X Qualified 0 Disqualified
--------------------	----------------------------------	-------------------------------

Max. Tensile: 70909	Min. Tensile: 68333	Avg. Tensile 69621
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY,FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY,FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
	1. FACE SATISFACTORY	
	2. FACE SATISFACTORY	

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	x		
Crotch	x		
Side	x		
Side	x		

Pipe Diameters Branch 12"	Run: 12"	Position: Bottom	x	Side
---------------------------	----------	------------------	---	------

Made At: 670 W. NORTH BEND	Date: 12/02/04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE
Certified By:	Certified under API II04 Section 6.3 19 TH Edition
Title: WELDING SUPERVISOR	
Date: 12/02/04	

SECTION 3.3 THE CINCINNATI GAS & ELECTRIC COMPANY
 API 1104 COUPON TEST REPORT
 SS# 310-56-2107
 Test No.: 4-02

Location: 2120 Dana Avenue		Date: 1/06/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor	
Schedule: N/A	Gang: N/A	Inspector: N/A	
Date: 1/06/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder LARRY COLLINS		MARK C-5	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: MILLER		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.200					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.262	.262					
num Load:	17000	17000					
Tensile S/in. Plate Area:	64885	64885					
Fracture Location:	BM	BM					

<input type="checkbox"/> 0 Procedure <input checked="" type="checkbox"/> X Welder	<input checked="" type="checkbox"/> X Qualifying Test <input type="checkbox"/> 0 Line Test	<input checked="" type="checkbox"/> X Qualified <input type="checkbox"/> 0 Disqualified
--	---	--

Max. Tensile: 64885	Min. Tensile: 64885	Avg. Tensile 64885
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3.
4 SATISFACTORY, FRACTURE BASE METAL	4. FACE NA	4.

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"	Run: 12"	Position: BOTTOM	X	SIDE
----------------------------	----------	------------------	---	------

Made At: 2120 Dana Avenue	Date: 1/06/04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE
Certified By: <i>Carl Goyette</i>	
Title: Welding Supervisor	
Date: 1/06/04	

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 402-82-3171

Test No.:4-07

Location: 2120 DANA AVE		Date: 4/02/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor BYRNES	
Schedule: N/A		Inspector: N/A	
Date: 4/02/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder RODNEY COOPER		MARK S-6	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV		Kind: API GRB 5L	
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			


Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.100					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.219	.219					
Minimum Load:	17000	16500					
Tensile S/in. Plate Area:	77625	75342					
Fracture Location:	BM	BM	BM	BM			

X Procedure Welder	X Qualifying Test 0 Line Test	X Qualified 0 Disqualified
--------------------	----------------------------------	-------------------------------

Max. Tensile: 77625	Min. Tensile: 75342	Avg. Tensile 76483
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
	1. FACE SATISFACTORY	
	2. FACE SATISFACTORY	

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	x		
Crotch	x		
Side	x		
Side	x		

Pipe Diameters Branch 12"	Run: 12"	Position: Bottom	x	Side
---------------------------	----------	------------------	---	------

Test Made At: 2120 DANA AVE		Date: 4/02/04	
Tested By: Cincinnati Gas & Electric		Supervised By: CARL GOYETTE	
Certified By: 	Certified under API II04 Section 3.3 18 TH Edition		
Title: WELDING SUPERVISOR			
Date: 04/02/04			

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
 SS# 315-96-9559
 Test No.: 4-15

Location: 670 W. NORTH BEND RD		Date: 8/05/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor O & M CONST.	
Schedule: N/A	Gang: N/A	Inspector: N/A	
Date: 8/5/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder JASON EVANS		MARK J E	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature	70 F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: 250	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length:

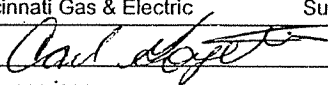
Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:							
Dimension of Plate:							
Orig. Area of Plate in 2:							
num Load:							
Tensile S/in. Plate Area:							
Fracture Location:							

<input type="checkbox"/> Procedure <input checked="" type="checkbox"/> Welder	<input checked="" type="checkbox"/> Qualifying Test <input type="checkbox"/> Line Test	<input checked="" type="checkbox"/> Qualified <input type="checkbox"/> Disqualified
--	---	--

Max. Tensile	Min. Tensile:	Avg. Tensile
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		SATISFACTORY
Crotch	X		SATISFACTORY
Side	X		SATISFACTORY
Side	X		SATISFACTORY

Pipe Diameters Branch: 12"	Run: 12"	Position: BOTTOM	X	SIDE
----------------------------	----------	------------------	---	------

Made At: 670 W. NORTH BEND	Date: 8/5/04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE
Certified By: 	Certified under API 1104 Section 6.2.1 19 TH Edition
Title: Welding Supervisor	
Date: 8/5/04	

SECTION 3.3

API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 269-66-2075

Test No.: 4-11

Location: 2120 Dana Avenue

Date: 5/25/04

Contractor: Cincinnati Gas & Electric

Sub-contractor MILLER

Schedule: N/A

Gang: N/A

Inspector: N/A

Date: 5/25/4

Location- OHIO

Roll Weld: N/A

Fixed Position Weld: 5G

Welder SAMUEL S HEASTON

MARK S S H

Welding Time: 1 1/2 HR.

Time of Day: 8:00AM

M. Temperature 70 F.

Weather Condition: Inside Building

Wind Break Used: N/A

Voltage: 21

Amperage: 120/190

Make of Welding Machine: LINCOLN

Size: 200

Brand of Electrode: LINCOLN

Size of Reinforcement 1/8 - 5/32

Pipe Mfr: LTV

Kind: API GRB 5L

Wall Thickness: .219

Dia. O.D. 12 3/4

Wt./Ft. 29.31

Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.100					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.262	.240					
Num Load:	17500	17000					
Tensile S/in. Plate Area:	66793	70833					
Fracture Location:	BM	BM					

0 Procedure

X Qualifying Test

X Qualified

X Welder

0 Line Test

0 Disqualified

Max. Tensile: 70833	Min. Tensile: 66793	Avg. Tensile 66813
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4 FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"

Run:

12"

Position: BOTTOM

X

SIDE

Tested At: 2120 Dana Avenue

Date: 5/25/04

Tested By: Cincinnati Gas & Electric

Supervised By: CARL GOYETTE

Certified By:

Title: Welding Supervisor

Date: 5/25/04

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
 SS# 290-64-3651
 Test No.: 4-13

Location: 670 W. NORTH BENB RD		Date: 7/21/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor A M S	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 7/27/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder TED HIPSHER		MARK TH	
Welding Time: 1 1/2 HR.		Time of Day: 8:00AM	M Temperature 70 F
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .250	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

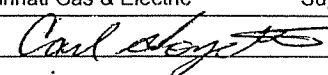
Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.100	1.100					
Dimension of Plate:	.250	.250					
Orig. Area of Plate in 2:	.275	.275					
num Load:	19000	19500					
Tensile S/in. Plate Area:	69090	70909					
Fracture Location:	BM	BM					

<input type="checkbox"/> 0 Procedure <input checked="" type="checkbox"/> X Welder	<input checked="" type="checkbox"/> X Qualifying Test <input type="checkbox"/> 0 Line Test	<input checked="" type="checkbox"/> X Qualified <input type="checkbox"/> 0 Disqualified
--	---	--

Max. Tensile: 70909	Min. Tensile: 69090	Avg. Tensile 69999
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
	1. FACE SATISFACTORY	
	2. FACE SATISFACTORY	

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"	Run: 12"	Position: BOTTOM	X	SIDE
----------------------------	----------	------------------	---	------

Made At: 670 W. NORTH BEND		Date: 7/21/04
Tested By: Cincinnati Gas & Electric		Supervised By: CARL GOYETTE
Certified By: 	Certified under API II04 Section 6.3 19 TH Edition	
Title: Welding Supervisor		
Date: 7/21/04		

THE CINCINNATI GAS & ELECTRIC COMPANY
 COUPON TEST REPORT
 SS# 268-74-5614
 Test No.: 4-06

SECTION 3.3
 API 1104

Location: 2120 Dana Avenue		Date: 3/23/04	
Fractor: Cincinnati Gas & Electric		Sub-contractor CJ HUGHES	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 3/23/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder DAVE HUBER		MARK D H	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

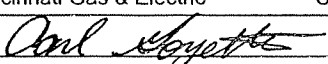
Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.000					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.262	.219					
num Load:	17000	16500					
Tensile S/in. Plate Area:	64885	75342					
Fracture Location:	BM	BM					

0 Procedure	X Qualifying Test	X Qualified
X Welder	0 Line Test	0 Disqualified

Max. Tensile: 75342	Min. Tensile: 64885	Avg. Tensile 70113
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY,FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY,FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
3 SATISFACTORY,FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY,FRACTURE BASE METAL	4 FACE NA	4.

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"	Run: 12"	Position: BOTTOM	X	SIDE
----------------------------	----------	------------------	---	------

Made At: 2120 Dana Avenue	Date: 3.23.04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE
Certified By: 	
Title: Welding Supervisor	
Date: 3/23/04	

SECTION 3.3

API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 300-56-5421

Test No.: 4-03

Location: 2120 Dana Avenue

Date: 1/07/04

Contractor: Cincinnati Gas & Electric

Sub-contractor

Schedule: N/A

Gang: N/A

Inspector: N/A

Date: 1/07/04

Location: OHIO

Roll Weld: N/A

Fixed Position Weld: 5G

Welder FRED JOHNSON

MARK F J

Welding Time: 1 1/2 HR.

Time of Day: 8:00AM

M. Temperature 70 F.

Weather Condition: Inside Building

Wind Break Used: N/A

Voltage: 21

Amperage: 120/190

Make of Welding Machine: LINCOLN

Size: 200

Brand of Electrode: LINCOLN

Size of Reinforcement 1/8 - 5/32

Pipe Mfr: LTV

Kind: API GRB 5L

Wall Thickness: .219

Dia. O.D.: 12 3/4

Wt./Ft. 29.31

Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.000					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.219	.219					
num Load:	16500	16500					
Tensile S/in. Plate Area:	75342	75342					
Fracture Location:	BM	BM					

0 Procedure

X Qualifying Test

X Qualified

X Welder

0 Line Test

0 Disqualified

Max. Tensile: 75342	Min. Tensile: 75342	Avg. Tensile 75342
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4 FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"

Run:

12"

Position: BOTTOM

X

SIDE

Made At: 2120 Dana Avenue

Date: 1/07/04

Tested By: Cincinnati Gas & Electric

Supervised By: CARL GOYETTE

Certified By:

Title: Welding Supervisor

Date: 1/07/04

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 236-94-9240

Test No.:4-14

Location: 670 W NORTH BEND RD		Date: 7/27/04	
Contractor: Cincinnati Gas & Electric		Sub-contractor C J HUGHES	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 7/27/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder LEE HENRY McCLOUD		MARK L H M	
Welding Time: 1 ½ HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV		Kind: API GRB 5L	
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

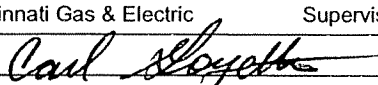
Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.200					
Dimension of Plate:	.250	.250					
Orig. Area of Plate in 2:	.250	.300					
Maximum Load:	19000	20500					
Tensile S/in. Plate Area:	76000	68333					
Fracture Location:	BM	BM	BM	BM			

X Procedure Welder	X Qualifying Test 0 Line Test	X Qualified 0 Disqualified
--------------------	----------------------------------	-------------------------------

Max. Tensile: 76000	Min. Tensile: 68333	Avg. Tensile 72166
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
	1. FACE SATISFACTORY	
	2. FACE SATISFACTORY	

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	x		
Crotch	x		
Side	x		
Side	x		

Pipe Diameters Branch 12"	Run: 12"	Position: Bottom	x	Side
---------------------------	----------	------------------	---	------

Test Made At: 670 W NORTH BEND		Date: 7/27/04
Tested By: Cincinnati Gas & Electric		Supervised By: CARL GOYETTE
Certified By: 	Certified under API II04 Section 6.3 19 TH Edition	
Title: WELDING SUPERVISOR		
Date: 7/27/04		

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 465-17-4215

Test No.:4-23

Location: 670 W NORTH BEND RD		Date: 9/9/04	
Factor: Cincinnati Gas & Electric		Sub-contractor C J HUGHES	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 9/9/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder KENNETH MILBY		MARK K M	
Welding Time: 1 ½ HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV		Kind: API GRB 5L	
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			

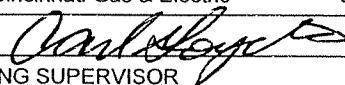
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.200					
Dimension of Plate:	.250	.250					
Orig. Area of Plate in 2:	.300	.300					
Maximum Load:	20500	20000					
Tensile S/in. Plate Area:	68333	66666					
Fracture Location:	BM	BM	BM	BM			

X Procedure Welder	X Qualifying Test 0 Line Test	X Qualified 0 Disqualified
--------------------	----------------------------------	-------------------------------

Max. Tensile: 76000	Min. Tensile: 68333	Avg. Tensile 72166
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY,FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY,FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
	1. FACE SATISFACTORY	
	2. FACE SATISFACTORY	

Tee Test			
Coupon	Acceptable		Remarks
	Yes	No	
Crotch	x		
Crotch	x		
Side	x		
Side	x		

Pipe Diameters Branch 12"	Run: 12"	Position: Bottom	x	Side
---------------------------	----------	------------------	---	------

Test Made At: 670 W NORTH BEND		Date: 9/9/04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE	
Certified By: 	Certified under API II04 Section 6.3 19 TH Edition	
Title: WELDING SUPERVISOR		
Date: 9/09/04		

SECTION 3.3

API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 368-66-9469

Test No.: 4-10

Location: 2120 Dana Avenue

Date: 4/20/04

Factor: Cincinnati Gas & Electric

Sub-contractor

Schedule: N/A

Gang: N/A

Inspector: N/A

Date: 4/20/04

Location: OHIO

Roll Weld: N/A

Fixed Position Weld: 5G

Welder STEVE J PARNICKY III

MARK S P

Welding Time: 1 1/2 HR.

Time of Day: 8:00AM

M. Temperature 70 F

Weather Condition: Inside Building

Wind Break Used: N/A

Voltage: 21

Amperage: 120/190

Make of Welding Machine: LINCOLN

Size: 200

Brand of Electrode: LINCOLN

Size of Reinforcement 1/8 - 5/32

Pipe Mfr: LTV

Kind: API GRB 5L

Wall Thickness: .219

Dia. O.D. 12-3/4

Wt./Ft. 29.31

Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.100					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.262	.240					
Minimum Load:	17500	17000					
Tensile S/in. Plate Area:	66793	70833					
Fracture Location:	BM	BM					

0 Procedure

X Qualifying Test

X Qualified

X Welder

0 Line Test

0 Disqualified

Max. Tensile: 70833	Min. Tensile: 66793	Avg. Tensile 68813
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4. FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"

Run:

12"

Position: BOTTOM

X

SIDE

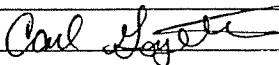
Test Made At: 2120 Dana Avenue

Date: 4/20/04

Tested By: Cincinnati Gas & Electric

Supervised By: CARL GOYETTE

Certified By:



Title: Welding Supervisor

Date: 4/20/04

SECTION 3
API 1107

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
SS# 437-70-7242
Test No.: 4-12

Location: 2120 Dana Avenue		Date: 5/27/04	
Factor: Cincinnati Gas & Electric		Sub-contractor BREWER	
Schedule: N/A	Gang: N/A	Inspector: N/A	
Date: 5/27/04	Location: OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder BENNY SANCHEZ		MARK B S	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.100	1.100					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.240	.240					
Minimum Load:	17000	17000					
Tensile S/in. Plate Area:	70833	70833					
Fracture Location:	BM	BM					

0 Procedure
X Welder

X Qualifying Test
0 Line Test

X Qualified
0 Disqualified

Max. Tensile: 70833	Min. Tensile: 70833	Avg. Tensile 70833
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4. FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12" Run: 12" Position: BOTTOM X SIDE

Test Made At: 2120 Dana Avenue		Date: 5/27/04
Tested By: Cincinnati Gas & Electric		Supervised By: CARL GOYETTE
Certified By: <i>Carl Goyette</i>		
Title: Welding Supervisor		
Date: 5/27/04		

SECTION 3.3

API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 268-70-4485

Test No.: 4-08

Location: 2120 Dana Avenue

Date: 4/8/04

Factor: Cincinnati Gas & Electric

Sub-contractor

Schedule: N/A

Gang: N/A

Inspector: N/A

Date: 4/08/04

Location- OHIO

Roll Weld: N/A

Fixed Position Weld: 5G

Welder KENNETH STEELE

MARK K S

Welding Time: 1 1/2 HR.

Time of Day: 8:00AM

M. Temperature 70 F.

Weather Condition: Inside Building

Wind Break Used: N/A

Voltage: 21

Amperage: 120/190

Make of Welding Machine: LINCOLN

Size: 200

Brand of Electrode: LINCOLN

Size of Reinforcement 1/8 - 5/32

Pipe Mfr: LTV

Kind: API GRB 5L

Wall Thickness: .219

Dia. O.D. 12 3/4

Wt./Ft. 29.31

Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.000					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.219	.219					
Tensile Load:	16500	16500					
Tensile S/in. Plate Area:	75342	75342					
Fracture Location:	BM	BM					

0 Procedure

X Qualifying Test

X Qualified

X Welder

0 Line Test

0 Disqualified

Max. Tensile: 75342	Min. Tensile: 75342	Avg. Tensile 75342
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4 FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12"

Run:

12"

Position: BOTTOM

X

SIDE

T Made At: 2120 Dana Avenue

Date: 4/08/04

Tested By: Cincinnati Gas & Electric

Supervised By: CARL GOYETTE

Certified By:

Title: Welding Supervisor

Date: 4/08/04

SECTION 3.3

API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY
 COUPON TEST REPORT
 SS# 268-36-4495
 Test No.: 4-08

Location: 2120 Dana Avenue		Date: 4/8/04	
Factor: Cincinnati Gas & Electric		Sub-contractor GREAT WESTERN	
Schedule: N/A	Gang: N/A	Inspector: N/A	
Date: 4/08/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder TOM TAXES		MARK T T	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.200					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.219	.262					
Minimum Load:	16500	17500					
Tensile S/in. Plate Area:	75342	66793					
Fracture Location:	BM	BM					

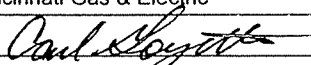
☐ Procedure
☒ Welder
☒ Qualifying Test
☐ Line Test
☒ Qualified
☐ Disqualified

Max. Tensile: 75342	Min. Tensile: 66793	Avg. Tensile 71067
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2. SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3.
4 SATISFACTORY, FRACTURE BASE METAL	4. FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12" Run: 12" Position: BOTTOM X SIDE

T Made At: 2120 Dana Avenue	Date: 4/08/04
Tested By: Cincinnati Gas & Electric	Supervised By: CARL GOYETTE
Certified By: 	
Title: Welding Supervisor	
Date: 4/08/04	

THE CINCINNATI GAS & ELECTRIC COMPANY

COUPON TEST REPORT

SS# 295-72-5112

Test No.:4-24

Location: 670 W NORTH BEND RD

Date: 12/02/04

Factor: Cincinnati Gas & Electric

Sub-contractor MILLER

Schedule: N/A

Gang: N/A

Inspector: N/A

Date:12/02/04

Location- OHIO

Roll Weld: N/A

Fixed Position Weld: 5G

Welder THOMAS WILCOX

MARK T W

Welding Time: 1 1/2 HR.

Time of Day: 8:00AM

M. Temperature 70 F.

Weather Condition: Inside Building

Wind Break Used: N/A

Voltage: 21

Amperage: 120/190

Make of Welding Machine: LINCOLN

Size: 200

Brand of Electrode: LINCOLN

Size of Reinforcement 1/8 - 5/32

Pipe Mfr: LTV

Kind: API GRB 5L

Wall Thickness: .219

Dia. O.D. 12 3/4

Wt./Ft. 29.31

Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.200	1.200					
Dimension of Plate:	.250	.250					
Orig. Area of Plate in 2:	.300	.300					
Minimum Load:	20500	20500					
Plate S/in. Plate Area:	68333	68333					
Fracture Location:	BM	BM	BM	BM			

X Procedure
WelderX Qualifying Test
0 Line TestX Qualified
0 Disqualified

Max. Tensile: 68333

Min. Tensile: 68333

Avg. Tensile 68333

Remarks on Tensile

Remarks on Bend Tests

Remarks on Nick Tests

1 SATISFACTORY,FRACTURE BASE METAL

1. Root SATISFACTORY

1. SATISFACTORY

2 SATISFACTORY,FRACTURE BASE METAL

2. Root SATISFACTORY

2 SATISFACTORY

1. FACE SATISFACTORY

2. FACE SATISFACTORY

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	x		
Crotch	x		
Side	x		
Side	x		

Pipe Diameters Branch 12"

Run: 12"

Position: Bottom x Side

Test Made At: 670 W NORTH BEND

Date: 12/02/04

d By: Cincinnati Gas & Electric

Supervised By: CARL GOYETTE

Certified By:

Certified under API 1104 Section 6.3 19TH Edition

Title: WELDING SUPERVISOR

Date: 12/02/04

SECTION 3.3
API 1104

THE CINCINNATI GAS & ELECTRIC COMPANY
COUPON TEST REPORT
SS# 401-23-4820
Test No.: 4-04

Location: 2120 Dana Avenue		Date: 1/08/04	
Factor: Cincinnati Gas & Electric		Sub-contractor BREWER	
Schedule: N/A		Gang: N/A	Inspector: N/A
Date: 1/08/04	Location- OHIO	Roll Weld: N/A	Fixed Position Weld: 5G
Welder RANDY WYATT		MARK W R	
Welding Time: 1 1/2 HR.	Time of Day: 8:00AM	M. Temperature 70	F.
Weather Condition: Inside Building			
Wind Break Used: N/A	Voltage: 21	Amperage: 120/190	
Make of Welding Machine: LINCOLN		Size: 200	
Brand of Electrode: LINCOLN			
Size of Reinforcement 1/8 - 5/32			
Pipe Mfr: LTV	Kind: API GRB 5L		
Wall Thickness: .219	Dia. O.D. 12 3/4	Wt./Ft. 29.31	Joint Length: Nipple

Bead No.	1	2	3	4	5	6	7
Size of Electrode:	1/8	1/8	5/32	5/32			
No. of Electrode:	E6010	E6010	E6010	E6010			
Coupon Stenciled:	1	2	3	4	5	6	7
Original:	1.000	1.000					
Dimension of Plate:	.219	.219					
Orig. Area of Plate in 2:	.219	.219					
Minimum Load:	16000	16000					
Tensile S/in. Plate Area:	73059	73059					
Fracture Location:	BM	BM					

0 Procedure	X Qualifying Test	X Qualified
X Welder	0 Line Test	0 Disqualified

Max. Tensile: 73059	Min. Tensile: 73059	Avg. Tensile 73059
Remarks on Tensile	Remarks on Bend Tests	Remarks on Nick Tests
1 SATISFACTORY, FRACTURE BASE METAL	1. Root SATISFACTORY	1. SATISFACTORY
2 SATISFACTORY, FRACTURE BASE METAL	2. Root SATISFACTORY	2 SATISFACTORY
3 SATISFACTORY, FRACTURE BASE METAL	3. FACE NA	3
4 SATISFACTORY, FRACTURE BASE METAL	4 FACE NA	4.

Tee Test

Coupon	Acceptable		Remarks
	Yes	No	
Crotch	X		
Crotch	X		
Side	X		
Side	X		

Pipe Diameters Branch: 12" Run: 12" Position: BOTTOM X SIDE

Test Made At: 2120 Dana Avenue		Date: 1/08/04
Issued By: Cincinnati Gas & Electric		Supervised By: CARL GOYETTE
Certified By: <i>Carl Goyette</i>		
Title: Welding Supervisor		
Date: 1/08/04		



CADD

DEC 29 2004